

**AWM4**

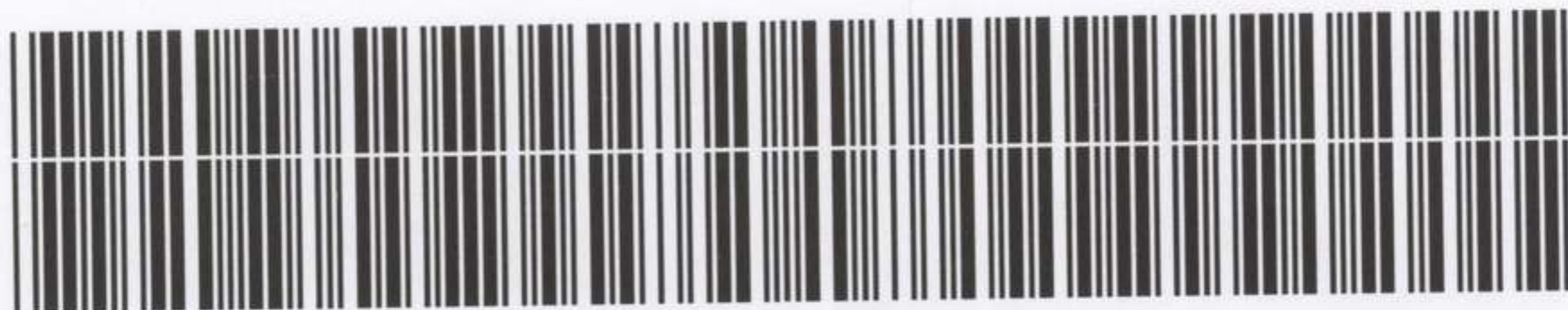
**Australian Imperial Force unit war diaries,  
1914-18 War**

Engineers

**Item number:** 14/36/29 Part 2

**Title:** 1st Field Squadron, Australian  
Engineers

October 1918 (duplicate and triplicate)



AWM4-14/36/29PART2



CONFIDENTIAL

~~ORIGINAL~~  
DUPLICATE ✓  
~~TRIPPLICATE~~

AUSTRALIAN IMPERIAL FORCE

WAR DIARY

OF  
1<sup>ST</sup> FIELD SQUADRON ENGRS.  
FOR  
OCTOBER 1918

SIGNATURE OF OFFICER COMPILING.

SIGNATURE OF OFFICER COMMANDING:

*Lawrence Nelson  
Major*



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

# WAR DIARY

or

## INTELLIGENCE SUMMARY

(Erase heading not required.)

Army Form C. 2113.

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
	October 1918		<b>HEADQUARTERS.</b>	
ZIZA Map Syria Jerusalem 1:250,000. U.4.	1 <sup>ST</sup>		In addition to the following work by the 3 Troops (A, B, and N.Z) The following work was carried out by Headquarters. Completed repairs to railway trolley, I.N.C.O and 4/R including shoeing-smith assisting Lieut Lockington on repairs to Engine (See Sketch). O.C & 1/R supervising working party at drinking water area, drainage of well etc. Loading rails on truck.	
SAMRA Map Irak 1:63,360 156.U.24d.	2 <sup>ND</sup>		Lieut Lockington and breakdown gang pulled out on train, with repaired engine for ZIZA south, on the H.E.A.Z. Line, Break down on engine. Lieut Bale & party salvaging engine etc at ZIZA (went through by motor truck over demolished line at <u>LEBBAN</u> .)	
MAFRAK Map Irak 1:63,360 155.J.27a.	3 <sup>RD</sup>		1. Sap. in charge of Engine etc at drinking water supply. 1. Sap driving motor truck. Lt Bale & 2/R on railway repairs.	
	4 <sup>TH</sup>		4 Saps assisting Lt Lockington on locomotive and afterwards proceeding by rail to ZIZA, got through and brought train with shells etc. back on the morning of the 6 <sup>TH</sup> . Lt Lockington again returned to ZIZA with wood and water for Lt BALE at <u>LEBBAN</u> and water for troops at ZIZA.	
	5 <sup>TH</sup>		A number of Saps on repairs at railway sheds. Removed mine (wire cut previously) from water tower at Station	
	6 <sup>TH</sup> & 7 <sup>TH</sup>		All available men on repairs at Sheds. Fitting lamp bracket on D.H.Q. Car, made 1 new perch pole (limber).	
	8 <sup>TH</sup> & 9 <sup>TH</sup>		Making motor and ordinary roads to Aerodrome Flat, Made 3, notice boards, 1 Sapper in charge of PofW party on road repairs, also 1. Sap <sup>e</sup> in charge of wood cutting for fuel	
	10 <sup>TH</sup>		Erected tank at drinking water area for filling water bottles, and placed notice boards in position Mr Bale came in with train from <u>Lebban</u> via <u>ZIZA</u> . Lt Locking followed 3hrs later	
	11 <sup>TH</sup> & 12 <sup>TH</sup>		Repairing G.S. Pumps, Cleaning up captured portable kitchen, 6 drivers assisting Lt Bale <sup>ON</sup> Engine. Cutting and carting wood to pumping plant	
	13 <sup>TH</sup>		1 Officer and 2/R inspecting line Northward 7 miles from <u>AMMAN</u> . all O.K. Lt Lockington with repaired engine, Small train with escort, loading party and wireless set with engineer, party moved out for <u>MAFRAK</u> . Six miles south of destination found 13 wagons on line, that could not be pushed forward, <del>so</del> brought on back, to <u>SAMRA</u> intending to return north again, but were ordered back by H.Q. Chaylors Force.	
	14 <sup>TH</sup> to 17 <sup>TH</sup>		Returned to <u>AMMAN</u> . Made 1. Cross for 1 <sup>ST</sup> ALHBde 1 <sup>ST</sup> Regt. Lieut Bale with escort, loading party, and wireless set, the whole in charge of an Engineer Officer moved out to <u>MAFRAK</u> . reached destination, cleared line after 12 hours work and brought back on the 17 <sup>TH</sup> .	



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

# WAR DIARY

or

## ~~INTELLIGENCE SUMMARY~~

(Erase heading not required.)

Army Form C. 2118.

NOVEMBER Place	1918 Date	Hour	HEADQUARTERS. Cont <sup>d</sup> Summary of Events and Information	Remarks and references to Appendices
	18 <sup>th</sup> 19 <sup>th</sup>		<p>10 Guns, numerous M.Gs 1/2 Truck of Shell Ammunition. 1 Armoured motor truck and 1 Motor truck, Wireless kept in touch throughout, moving or standing the Bedouins put 3 obstructions on line. C</p> <p>Collecting enemy shells and bombs, Trial demolition of shells, not satisfactory. Heaps of 30 covered with German "Donarit" explosive (Approx 6lbs in weight) did not detonate all shells. Shells were stacked in layers (2 Rows fuses interlocking in each layer, 3, layers to each heap doubling quantity of explosive on top. Gave slightly better results but still blew undetonated shells about. German exploder used, which on trial, fused. British N°13 Bridge wire, though 100 Ohms resistance, also fired 10 selected German detonators on telephone lead 430' Long. Exploder failed to detonate more than 3 charges on series of 7 and 4. Using German detonators, though the 4<sup>th</sup> electric detonator when fired singly, fired successfully. Reason - bad manufacture and irregular resistance of bridge in detonator.</p> <p>Salving cases (to pack shells in) from Turkish AMMUNITION Pump. Emptied from cases and buried, 12050 Stick grenades and hand bombs, 40% small (15lbs) aerial bombs, 21% detonators (Aerial bombs), 26% detonators large aerial bombs, 36 large % Cordite, removed and buried 45% large (40lb) aerial bombs, 12% aerial torpedoes, 2% and quantity loose aerial bombs detonators and covered in a cave 43% small aerial torpedo detonators.</p>	
	20 <sup>th</sup> 21 <sup>st</sup>		<p>Dismantled captured guns, repairing pumps and overhauling limbers. J.NCO. &amp; 2 Sappers supervising removal of captured Enemy shells</p>	
	22 <sup>nd</sup> 23 <sup>rd</sup>		<p>Cleaned working engine at drinking water area. Running motor truck to 1<sup>st</sup> Bde. Destroying captured enemy shells and bombs. Made crosses for Sig Squad (1). D.H.Q (1). 3<sup>rd</sup> Regt (1) and S.H.O. (1). 5 men to hospital. Picked up troughs from watering area. Left 1 pump with 4 lengths of Suction Hose at AMMAN. Loaded Oil engine etc on to Motor lorry. On the 28<sup>th</sup> the HEJAZ Flag raised at AMMAN</p> <p>Sketch of AMMAN Viaduct on the Hejaz Railway attached to this months diary. An attempt was made to destroy this Viaduct during operations in March 1918. but was unsuccessful.</p>	



WAR DIARY

Army Form C. 2118.

or  
INTELLIGENCE SUMMARY.

(Erase heading not required.)

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
	OCTOBER 1918		A FIELD TROOP	
SAMRA Mafrah 1/63,360 156. U. 24d.	1 <sup>st</sup>		Repairing "Turkish" Engine (locomotive) at SAMRA but found that boiler tubes blew out at 2lb pressure of steam, so abandoned it. - Party working at ZERKA pumping station, repairing engine parts and getting steam up.	
ZERKA Mafrah 1/63,360 156 T 28d.	2 <sup>nd</sup>		Repairing another "Turkish" Engine (locomotive) at SAMRA but found that tubes <sup>WERE</sup> unserviceable, this was also abandoned. - Party working and getting steam up at ZERKA pumping station.	
AMMAN op Syria Jerusalem U.I. 250,000	3 <sup>rd</sup>		Jacked a Turkish motor transport into position. Fixed and repaired steering gear on Turkish Motor Car. same was towed into S.H.Q at AMMAN. Portable Motor workshop left for S.H.Q. Party working on Pumping station at ZERKA but found waterpipes leading to overhead tank, blocked. Abandoned.	
	4 <sup>th</sup>		Working on a "Bergmann" Motor Lorry but found faulty magneto and carbonated cylinders. Also abandoned. - One NCO and 5/R admitted to Hospital.	
	5 <sup>th</sup>		Working on another "Bergmann" Motor Lorry, fitted a Magneto, overhauled Carburetter and brought same along road about one mile	
	6 <sup>th</sup>		Brought "Bergmann" Motor Lorry into Field Troop camp, Fitted gear belt in same, and left for AMMAN at 1730	
	7 <sup>th</sup>		General Camp Routine. The O.C (Lieut McLaughlin G) taken ill and carried to Field Ambulance admitted and evacuated.	
	8 <sup>th</sup>		General Camp Routine. The Troop is now reduced to 21 (Twenty-one) other ranks	
	9 <sup>th</sup> to 10 <sup>th</sup>		General Camp Routine. 5/R marched in on the 13 <sup>th</sup> .	
	19 <sup>th</sup> to 22 <sup>nd</sup>		Making Crosses for 13 <sup>th</sup> IALH Regt, Painting and lettering same.	
	23 <sup>rd</sup> to 27 <sup>th</sup>		Soldering Fanalis and repairing same for Machine Gun Squadron.	
	27 <sup>th</sup> to 31 <sup>st</sup>		Overhauling troughs and reservoirs, cleaning up camp generally and General Routine	



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

Army Form C. 2118.

## INTELLIGENCE SUMMARY.

(Erase heading not required.)

Place	October Date 1918	Hour	B FIELD TROOP.	Summary of Events and Information	Remarks and references to Appendices
ZIZA STATION Map Syria Jerusalem 250,000 U-4	1 <sup>st</sup>			Overhauled and cleaned troughs in watering Area. Lieut Stocks returned, arriving 1700 leaving party, less 4 Sappers, at ZIZA to be taken charge of by an officer from H.Q.	
AIN AMMAN 1/4 MILES W. of AMMAN	2 <sup>nd</sup>			Left AIN AMMAN with Bde arrived at SIR and erected drinking water reservoir at 1400.	
SIR 2 STATION	3 <sup>rd</sup>			Left SIR at 0800 arrived at SHUNET NIMRIN and erected drinking water reservoir. This reservoir with pickets, pump, 3 lengths of hose and water bottle filter apparatus was carried from AMMAN by 2 Camels, lent by the 2 <sup>nd</sup> A.L.H. Field Amb, on account of Brigade proceeding by No 4 Road, all wheels going by ESSALT road.	
Map Syria Jerusalem 250,000 S-T, 1	4 <sup>th</sup>			Left P & B Central at 0700 and moved independently to AIN HAJLAH, arrived 0945 and re-erected troughs and drinking water reservoirs and watered Brigade on its arrival about 1200 at N 5 A 05 DAMIEH 1:40,000.	
SHUNET NIMRIN Map Syria Jerusalem 250,000 Q. 2	5 <sup>th</sup>			Collected and sent surplus area equipment to R.E Dump JERICHO	
AIN AMMAN	6 <sup>th</sup>			Packed all gear ready for move and cleaned camp	
AIN HAJLAH MEET XVIII at 27. N. S.C. control.	7 <sup>th</sup>			Left AIN HAJLAH 0630. Moved ahead of Bde to K17 JERUSALEM-JERICHO-ROAD examined water supply gear and made arrangements for Bde to water	
JERICHO Jericho (B. 6) 1:40,000 N 17 5 5 E	8 <sup>th</sup>			Left Kilo 17 JERUSALEM-JERICHO-ROAD at 0500 and moved ahead of Bde to area on NABLUS ROAD about 1/2 Miles N of JERUSALEM arrived 1000 and inspected water arrangements	
ENAB Map Syria - Jerusalem 250,000 K-3	9 <sup>th</sup>			Made 2 Crosses	
LATRON Map Syria - Jerusalem 250,000 I-2 5	10 <sup>th</sup>			Ran 2 Crosses, Sent 2 ladders for Ordnance stores to Bde, Sent Wagon detailed by Bde to Jerusalem Railway Station. A large number of men have gone sick, since arriving in Jerusalem they continue daily to be admitted to Field Ambulance and it is becoming difficult to carry on the work owing to shortage of Numbers.	
	11 <sup>th</sup>			Troop left JERUSALEM and trekked independently of the Bde. Halted two hours at ENAB, arrived at LATRON 1700 arranged watering for Bde	



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

# WAR DIARY

or

## INTELLIGENCE SUMMARY.

(Erase heading not required.)

Army Form C. 2118.

Place	October Date 1918	Hour	B FIELD TROOP Con <sup>ld</sup> Summary of Events and Information	Remarks and references to Appendices
WADY HANEIN. Street XVIII 1 <sup>st</sup> mile 071.024b.	12 <sup>th</sup>		Left LATRON at 1700 arrived Wadi HANEIN at 1100. Lieut Jones went ahead with party of 59 <sup>R</sup> arriving 1000 and inspected water troughs and Engines.	
	13 <sup>th</sup>		Took a hand with R.E.s and rectified troughs sufficiently to enable Bde to water. Bde arrived 12 noon.	
	14 <sup>th</sup>		Assisted N.Z. Field Troop to erect 6 Canvas troughs and lay 120ft of additional pipe line - Rifle inspection. Lieut Jones went to Ludd and secured some salvaged material, timber, wire netting etc.	
	15 <sup>th</sup>		Sent waggons to LUDD to fetch material. Had working party of 90 men from Bde and marked out and constructed roads through Brigade Camp Area. Took over water area from 359 <sup>th</sup> Water Coy, this entails running three engines, as all expert drivers have been evacuated it was necessary to put on semi-trained men which means that one officer has to be in constant attendance, Saddlery inspection.	
	16 <sup>th</sup>		Started construction of stretchers for Field Amb: work. Overhauled one engine repaired several broken parts repaired about a dozen joints in pipe line. Started to build two cook-houses.	
	17 <sup>th</sup>		Continued making stretchers, completed 15 <del>ft</del> . Laid 150 yds wire road 5ft wide for Bde Cars from metal road to Brig: Generals quarters.	
	18 <sup>th</sup>		Completed 10 more stretchers. Overhauled and repaired 7 latrine screens. Made and erected 4 "NO ROAD" signs.	
	18 <sup>th</sup>		O.C. to LUDD to arrange to draw R.E. material. Repaired 10 fanolis. Fenced off and prepared oblation area. Built up sandbag rests and fixed 40 stretchers (as mentioned above) Screened off verandah of House where Field Amb are quartered, for patients. During this period 1 NCO and 4 men have been in attendance on cocks in watering area, to regulate flow and ensure smooth running. 1 NCO and 19 <sup>R</sup> have been constantly employed on the engines. In addition to 2 <sup>nd</sup> ALH Bde the 18 <sup>th</sup> Artillery Bde and Div Train watered at this area.	
	20 <sup>th</sup>		Owing to shortage of men, took 2 away from Bde watering area, leaving 1 N.C.O and 20 <sup>R</sup> to carry on this made the task a very arduous one. With carpenters (attached from Regt) make latrine screens and shelves.	10



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

# WAR DIARY

or

## INTELLIGENCE SUMMARY.

(Erase heading not required.)

Army Form C. 2118.

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
	OCTOBER 1918		<b>B TROOP contd</b>	
	21 <sup>st</sup>		One Officer went with Bde Major. to choose site for rifle range. Continued work on latrine screens and shelters. Cleaned out Bde water troughs. Marked out site for rifle range	
	22 <sup>nd</sup>		Cut a drain 200ft in length to carry water from Ablution area. One Officer to obtain material for range	
	23 <sup>rd</sup>		Wagons sent to LUDD for material. Erected 10 latrine Screens and 2 Cooks shelters from Bde.	
	24 <sup>th</sup>		Obtained some unserviceable water pipes from R.E Water Coy, and constructed football grounds one for each Reg <sup>t</sup> and one for B.H.Q as goal posts. Made One Cross. Commenced overhauling 4'x4' Targets drawn from R.E Park. Overhauled 2, 8,000 gallon drinking water reservoirs and cleaned them out.	
	25 <sup>th</sup>		Started party of 50 men on rifle Range. making 100 and 200yds mounds. Repairs to typewriter for 2 <sup>nd</sup> ALH FM Amb. found it necessary to completely take it to pieces and make several new parts such as springs, levers etc. Sent Wagon to Richon (Ayon Kara) to pick up wire netting left there by the R.Es. to finish wire road for Bde cars.	
	26 <sup>th</sup>		Started party of 100 men on range. Type writer re-assembled and put into working order again	
	27 <sup>th</sup>		Reported that one deep well pump was leaking, Overhauled this pump, found one barrel leaking the casting having been broken, made a temporary packing of lead.	
	28 <sup>th</sup>		Completed 100 and 200yds mounds to range. Commenced 300yds mounds and the markers pit. Making Sign boards and various accessories for the sports grounds Got 2 Engine drivers from the 7 <sup>th</sup> Reg <sup>t</sup> ALH. found it impossible owing to shortage of men to carry on otherwise. The shortage of Mechanics is at present serious as all water in this area is raised from great depths, Continued work on range. Erected 14'x10' stage for YMCA.	
	29 <sup>th</sup>		Erected targets on range and finished markers pit and 300yds mounds. Marked out Sports Ground, made Band stand. Made Cricket pitches, one for Bde and 1 for 7 <sup>th</sup> Reg <sup>t</sup> . Completed range, picked up ground on hill behind targets to smother strike of bullets finished by 0900, 31 <sup>st</sup> Repairs to roads, G.S Wagon & G.M.C.	10
	31 <sup>st</sup>			





-----War Diary.

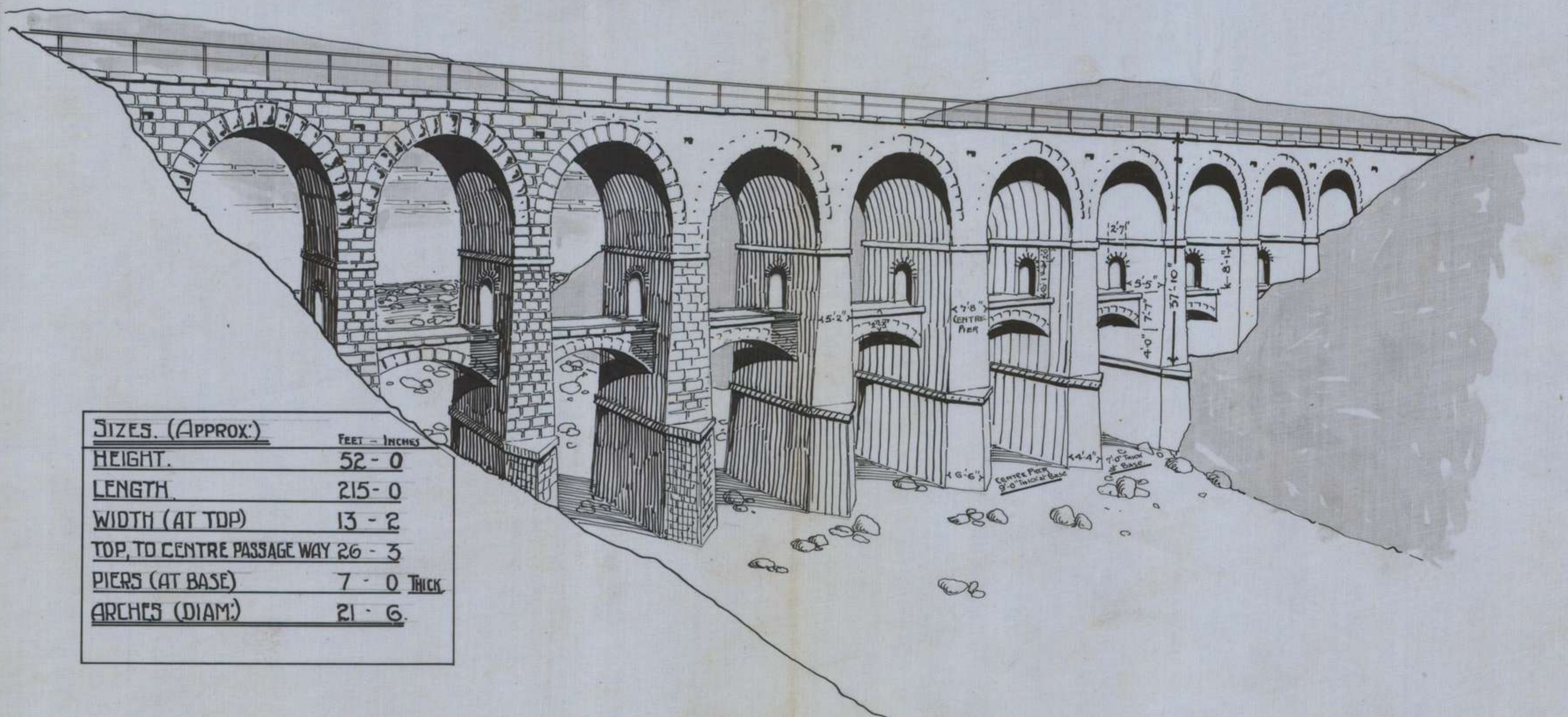
A P P E N D I C E S .

1. Sketch of Hejaz Railway Viaduct, AMMAN.
2. Sketch of Gallery to above Viaduct .
3. Sketch of Engine ( captured ) showing damage,  
and how repaired. Also description.

**A&N.Z. FIELD SQUADRON ENGINEERS.**  
**SKETCH OF HEJAZ RAILWAY VIADUCT. AMMAN.**

[COMPOSITE MAP E.O.F.J (AMMAN) 2<sup>ND</sup> EDITION. Z 14d]

WAR DIARY FOR OCTOBER 1918.



SIZES. (APPROX.)	FEET - INCHES
HEIGHT.	52 - 0
LENGTH.	215 - 0
WIDTH (AT TOP)	13 - 2
TOP, TO CENTRE PASSAGE WAY	26 - 3
PIERS (AT BASE)	7 - 0 THICK
ARCHES (DIAM.)	21 - 6

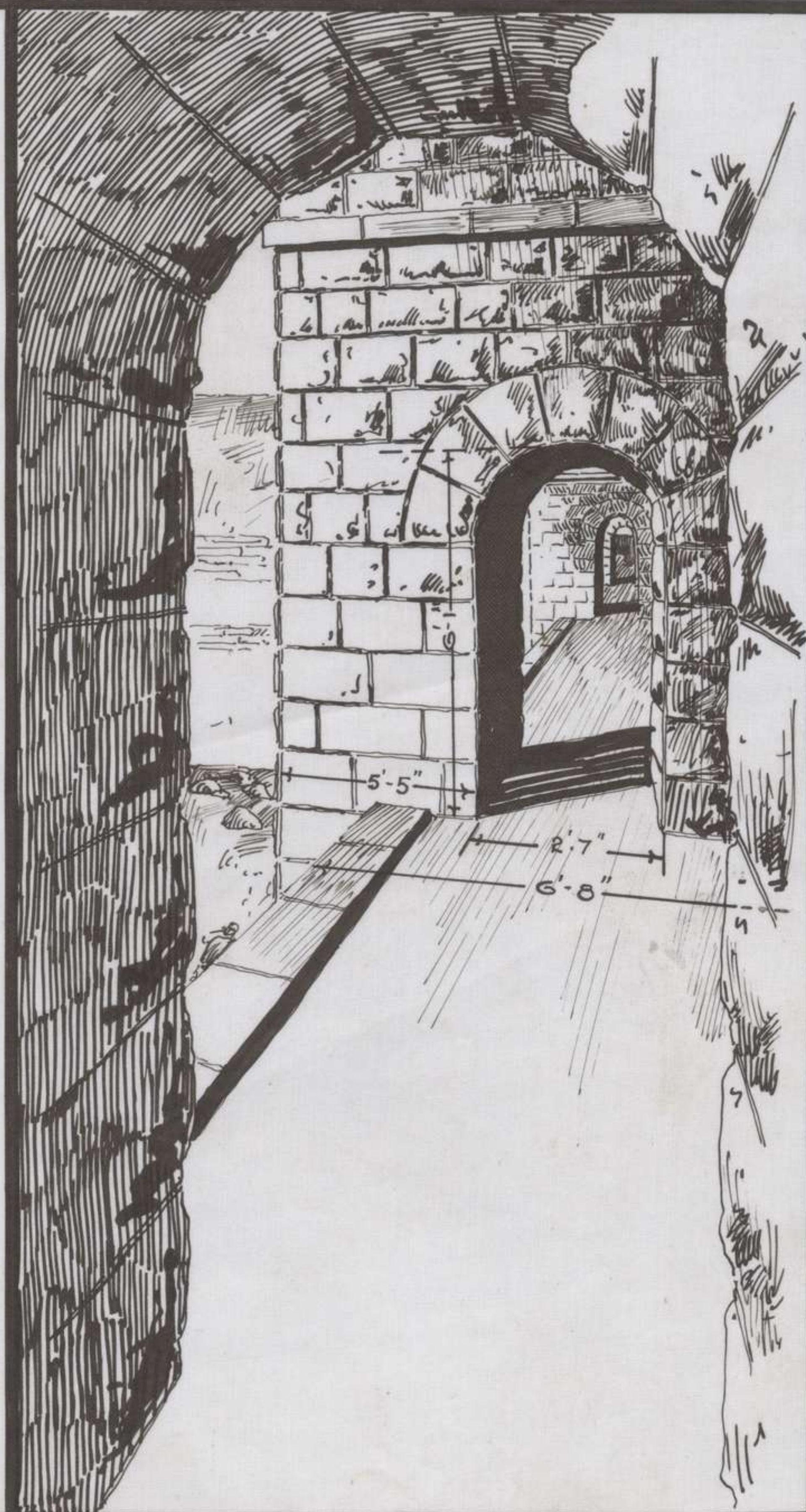
W.H.G.  
24/10/18

# A&NZ FIELD SQUADRON ENGINEERS

SKETCH OF GALLERY TO VIADUCT OF HEJAZ RAILWAY AT AMMAN

MAP REF COMPOSITE MAP E OF J (AMMAN) 2<sup>ND</sup> EDITION Z 14d.

WAR DIARY FOR OCTOBER 1918.



W.H.G  
25/11/18

## LOCOMOTIVE - BENT GIRDER PLATES.

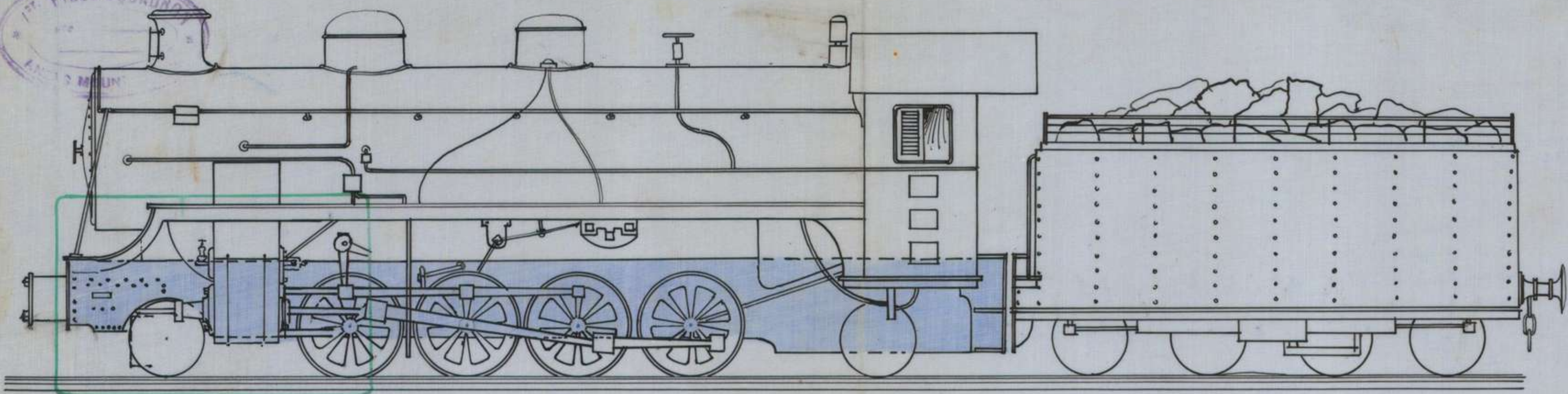
The bent girder plates (AA) of the locomotive were straightened by the following method:

The Engine — having been first packed front & rear to prevent any movement longitudinally, & firmly secured at the sides so that the weight might not be thrown laterally, thereby buckling the plates — was raised in the front by means of jacks at FF, & the leading pair of wheels removed. A fire-box 6' x 5' x 8" in depth (bottom covered with sand & boards lined with asbestos to prevent firing) was then inserted beneath the girder-plates at B. Bellows were used to concentrate the heat on the bent parts; and, as the plates became heated, the total weight of the locomotive caused the plates to gradually resume their original position. The straightening of the bends was well controlled by means of the two jacks in front — it being possible to at once lower either side to compensate for overheating, or to raise it in order to increase & prolong the strain. The operation was a complete success, & the time occupied by the process was twenty hours.

Prior to the employment of the above method another was tried. The fore-end of the locomotive was raised by jacks at AA, and when at a sufficient elevation, securely chocked. By means of the jacks the engine was then raised a further two inches and a Tumbler (constructed as shewn in sketch) inserted at B. The bent plates were then heated by means of forges & blowers; the jacks removed, & the tumbler made to collapse by means of a long pole, applied at D, & struck sharply by a heavy hammer. On the fore end coming down heavily upon the chocks, the entire weight of the locomotive was thrown upon the heated bent plates, tending to partly straighten out the bend. The process promised success; but, in order to completely eliminate every possibility of failure, it was deemed advisable to employ in its place a method whereby the pressure applied to the heated bends (& the consequent strain) would be constant & capable of regulation & control.

Note: On account of the very inferior quality of the coal, wood fuel was on all occasions used. The tools and appliances at hand were quite inadequate for the work undertaken.

1ST. FIELD SQUADRON  
ENGINEER'S MOUNT



**ENGINE SHOWN BEFORE DAMAGED.**  
BLUE SHOWS PORTION, THAT WAS LATER DAMAGED SEE DETAIL BELOW.

SCALE 1/4 INCH EQUALS ONE FOOT.

— DETAILED PORTION.

BOTH VERTICAL FRAME  
PLATES, WHICH ARE 1 3/8" THICK,  
WERE DAMAGED.

1.5"  
Approx.

2.0"

1.10"

PORTION OF BOGEY WHICH  
FOULS DAMAGED FRAME.

INCH SCALE DETAIL. BLUE SHOWS EXTENT OF DAMAGE.

W.H.G  
17/1/18



CONFIDENTIAL ORIGINAL  
~~DUPLICATE~~  
TRIPLICATE ✓

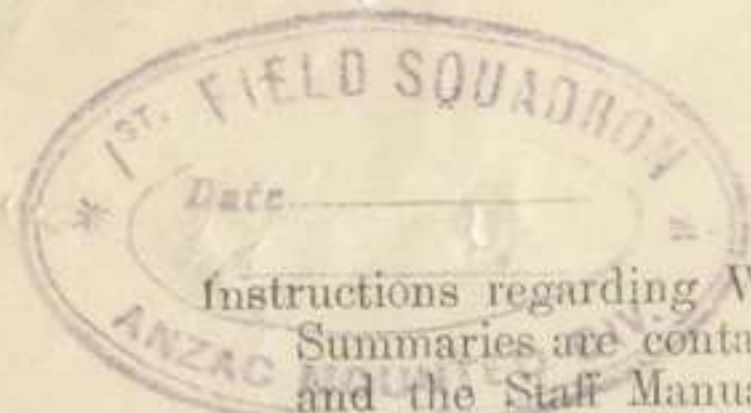
AUSTRALIAN IMPERIAL FORCE

WAR DIARY

OF  
1<sup>ST</sup> FIELD SQUADRON ENGRS.  
FOR  
OCTOBER 1918

SIGNATURE OF OFFICER COMPILING.

SIGNATURE OF OFFICER COMMANDING: *Maxwell May*



WAR DIARY

Army Form C. 2118.

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

INTELLIGENCE SUMMARY.

(Erase heading not required.)

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
OCTOBER 1918			HEADQUARTERS.	
ZIZA Map Syria Jerusalem 1:250,000. U4.	1 <sup>ST</sup>		In addition to the following work by the 3 Troops (A, B, and N.Z.) The following work was carried out by Headquarters. Completed repairs to railway trolley, 1 NCO and 4 P/R including shoeing-smith assisting Lieut Lockington on repairs to Engine (See Sketch). O.C & 1 P/R supervising working party at drinking water area, drainage of well etc. Loading rails on truck.	
SAMRA Mafrak 1:63,360 156.U. 24d.	2 <sup>ND</sup>		Lieut Lockington and breakdown gang pulled out on train, with repaired engine for ZIZA south on the HEJAZ Line, Break again on engine. Lieut Bale & party salvaging engine etc at ZIZA (went through by motor truck over demolished line) (at <u>LEBBAN</u> .)	
MAFRAK Mafrak 1:63,360 155.J. 27a.	3 <sup>RD</sup>		1 Sap. in charge of Engine etc at drinking water supply. 1 Sap driving motor truck. Lt Bale & 2 P/R on railway repairs.	
	4 <sup>TH</sup>		4 Saps assisting Lt Lockington on locomotive and afterwards proceeding by rail to ZIZA, got through and brought train with shells etc back on the morning of the 6 <sup>TH</sup> . Lt Lockington again returned to ZIZA with wood and water for Lt BALE at <u>LEBBAN</u> and water for troops at ZIZA	
	5 <sup>TH</sup>		A number of Saps on repairs at railway sheds. Removed mine (wire cut previously) from water tower at Station	
	6 <sup>TH</sup>		All available men on repairs at Sheds. Filling lamp bracket on D.H.Q. Car, made 1 new perch pole (timber).	
	8 <sup>TH</sup> & 9 <sup>TH</sup>		Making motor and ordinary roads to Aerodrome Flat, Made 3 notice boards. 1 Sapper in charge of Pot W party on road repairs, also 1 Sap in charge of wood cutting for fuel	
	10 <sup>TH</sup>		Erected tank at drinking water area for filling water bottles, and placed notice boards in position	
	11 <sup>TH</sup> & 12 <sup>TH</sup>		M <sup>R</sup> Bale came in with train from <u>Lebban</u> via ZIZA. Lt Lockington followed 3 hrs later	
	13 <sup>TH</sup>		Repairing G.S. Pumps, Cleaning up captured portable kitchen, 6 drivers assisting Lt Bale Engine, Cutting and carting wood to pumping plant	
	14 <sup>TH</sup> & 17 <sup>TH</sup>		1 Officer and 2 P/R inspecting line Northward 7 miles from <u>AMMAN</u> . all O.K. Lt Lockington with repaired engine. Small train with escort, loading party and wireless set with engineer, party moved out for MAFRAK. Six miles south of destination found 13 wagons on line, that could not be pushed forward, <del>OR</del> <sup>SO</sup> brought on back to SAMRA intending to return north again, but were ordered back by H.Q. Chaytors Force.	
			Returned to AMMAN. Made 1 Cross for 1 <sup>ST</sup> ALHBde 1 <sup>ST</sup> Regt. Lieut Bale with escort, loading party, and wireless set, the whole in charge of an Engineer Officer moved out to MAFRAK. reached destination, cleared line after 12 hours work and brought back on the 17 <sup>TH</sup> .	

(A7092). Wt. W1239/M1293. 750,000. 1/17. D. D. & L., Ltd. Forms/C.2118/14.





WAR DIARY

Army Form C. 2118.

or  
~~INTELLIGENCE SUMMARY.~~

(Erase heading not required.)

NOVEMBER Place	1918 Date	Hour	HEADQUARTERS. Cont <sup>d</sup> Summary of Events and Information	Remarks and references to Appendices
	18 <sup>th</sup> 19 <sup>th</sup>		<p>10 Guns, numerous M. Gs, 1/2 Truck of Shell Ammunition. 1 Armoured motor truck and 1 Motor truck. Wireless kept in touch throughout, moving or standing the Bedouins put 3 obstructions on line. C</p> <p>Collecting enemy shells and bombs, Trial demolition of shells, not satisfactory. Heaps of 30 covered with German Donarit explosive (Approx 6lbs in weight) did not detonate all shells. Shells were stacked in layers (2 Rows fuses interlocking in each layer, 3, layers to each heap doubling quantity of explosive on top. Gave slightly better results but still blew undetonated shells about. German exploder used, which on trial fused. British N°13 Bridge wire, though 100 Ohms resistance, also fired 10 selected German detonators on telephone lead 450' Long. Exploder failed to detonate more than 3 charges on Series of 7 and 4. Using German detonators, though the 4<sup>th</sup> electric detonator when fired singly, fired successfully. Reason - bad manufacture and irregular resistance of bridge in detonator.</p> <p>Salvaging cases (to pack shells in) from Turkish AMMUNITION Dump. Emptied from cases and buried, 12050 Stick grenades and hand bombs, 40% small (15 lbs) aerial bombs, 21% detonators (Aerial bombs), 26% detonators large aerial bombs, 36 large % Cordite, removed and buried 45% large (40lb) aerial bombs, 12% aerial torpedoes, 2% and quantity loose aerial bombs detonators and covered in a cave 43% small aerial torpedo detonators.</p>	
	20 <sup>th</sup> 21 <sup>st</sup>		<p>Dismantled captured gun, repairing pumps and overhauling timbers. I.N.C.O. &amp; 2 Sappers supervising removal of captured Enemy shells</p> <p>Cleaned working engine at drinking water area. Running motor truck to 1<sup>st</sup> Bde. Destroying captured enemy shells and bombs. Made crosses for Sig Squad (1), D.H.Q (1), 3<sup>rd</sup> Regt (1) and S.H.D. (1). 5 men to hospital. Picked up troughs from watering area. Left 1 pump with 4 lengths of Suction Hose at AMMAN. loaded Oil engine etc on to Motor lorry. On the 28<sup>th</sup> the HEJAZ Flag raised at AMMAN</p>	
	22 <sup>nd</sup> 31 <sup>st</sup>		<p>Sketch of AMMAN Viaduct on the Hejaz Railway attached to this months diary. An attempt was made to destroy this Viaduct during operations in March 1918. but was unsuccessful.</p>	

100



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

WAR DIARY

or

INTELLIGENCE SUMMARY.

(Erase heading not required.)

Army Form C. 2118.

Place	Date 1918	Hour	Summary of Events and Information	Remarks and references to Appendices
SAMRA Motrak 1/63, 560, 156. U, 24d.	1 <sup>st</sup>		A FIELD TROOP	
			Repairing "Turkish" Engine (locomotive) at SAMRA but found that boiler tubes blew out at 2lb pressure of steam, so abandoned it. - Party working at ZERKA pumping station, repairing engine parts and getting steam up.	
ZERKA Motrak 1/63, 360 156 T 28.	2 <sup>nd</sup>		Repairing another "Turkish" Engine (locomotive) at SAMRA but found that tubes <sup>were</sup> unserviceable, this was also abandoned. - Party working and getting steam up at ZERKA pumping station.	
AMMAN Syno Jerusalem U.I. 22,000	3 <sup>rd</sup>		Jacked a "Turkish" motor transport into position. Fixed and repaired steering gear on "Turkish" Motor Car same was towed into S.H.Q. at AMMAN. Portable motor workshop left for S.H.Q. Party working on pumping station at ZERKA but found waterpipes leading to overhead tank blocked. Abandoned.	
	4 <sup>th</sup>		Working on a "Bergmann" Motor lorry but found faulty magneto and carburetted cylinders. Also abandoned. - One MCO and 50% admitted to hospital.	
	5 <sup>th</sup>		Working on another "Bergmann" Motor lorry, fitted a magneto, overhauled carburetter and brought same along road about one mile.	
	6 <sup>th</sup>		Brought "Bergmann" Motor lorry into Field Troop camp. Fitted gear belt in same and left for AMMAN at 1730.	
	7 <sup>th</sup>		General Camp Routine. The O.C. (Lieut. M. C. Laughlin G.) taken ill and carried to Field ambulance admitted and evacuated.	
	8 <sup>th</sup>		General Camp Routine. The Troop is now reduced to 21 (Twenty-one) other ranks.	
	9 <sup>th</sup> 18		General Camp Routine. 50% marched in on the 13 <sup>th</sup> .	
	10 <sup>th</sup> 22		Making crosses for 1st AKH Regt. Painting and lettering same.	
	11 <sup>th</sup> 27		Soldering fanalis and repairing same for Machine Gun Squadron.	
	12 <sup>th</sup> 31		Overhauling foughs and reservoirs, cleaning up camp generally and General Routine.	



WAR DIARY

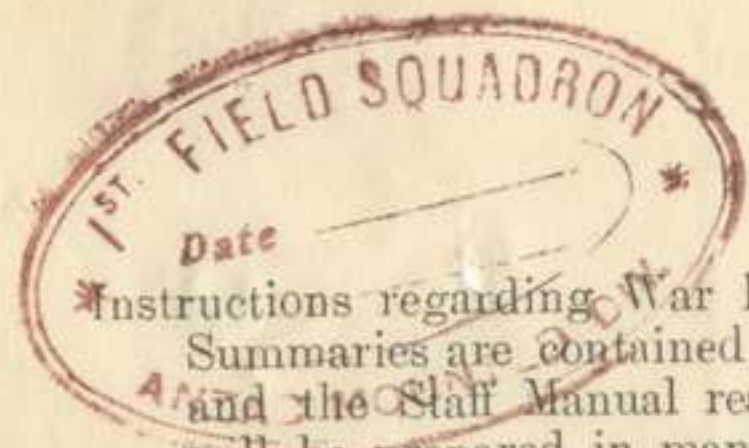
Army Form C. 2118.

or  
INTELLIGENCE SUMMARY.

(Erase heading not required.)

Place	October Date 1918	Hour	B FIELD TROOP	Summary of Events and Information	Remarks and references to Appendices
ZIZA STATION Map Syria Jerusalem 1/250,000 U-4	1 <sup>st</sup>			Overhauled and cleaned troughs in watering Area. Lieut Stocks returned, arriving 1700, leaving party, less 4 sappers, at ZIZA to be taken charge of by an officer from H.Q.	
AIN AMMAN	2 <sup>nd</sup>			Left AIN AMMAN with Bde arrived at SIR and erected drinking water reservoir at 1400.	
SIR	3 <sup>rd</sup>			Left SIR at 0800 arrived at SHUNET NIMRIN and erected drinking water reservoir. This reservoir with pickets, pump, 3 lengths of hose and water bottle filler apparatus was carried from AMMAN by 2 camels lent by the 2 <sup>nd</sup> A.L.H. Field Amb., on account of Brigade proceeding by No 4. Road, all wheels going by ES-SALT road.	
SIR Syria Jerusalem 250,000 ST 11	4 <sup>th</sup>			Left P 21 b central at 0700 and moved independently to AIN HAJLAH, arrived 0945 and erected troughs and drinking water reservoirs and watered brigade on its arrival about 1200 at N.5. A. S.5. Damieh 1/40,000.	
SHUNET NIMRIN Syria Jerusalem 1/250,000 Q 2	5 <sup>th</sup>			Collected and sent surplus area equipment to R.E. Dump JERICHO.	
AMMAN	6 <sup>th</sup>			Packed all gear ready for move and cleaned camp	
AMMAN	7 <sup>th</sup>			Left AIN HAJLAH 0630 moved ahead of Bde to Kilo 17 JERUSALEM - JERICHO ROAD examined water supply gear and made arrangements for Bde to water.	
AMMAN Syria Jerusalem 1/250,000 U 1	8 <sup>th</sup>			Left Kilo 17 JERUSALEM - JERICHO ROAD at 0600 and moved ahead of Bde. to area on NABLUS ROAD about 1/2 miles N of JERUSALEM arrived 1000 and inspected water arrangements.	
AIN HAJLAH SHEET XVIII 63,300 127. N 5 central	9 <sup>th</sup>			Made 2 crosses	
JERICHO Jericho B.G. 1/40,000 K17 b 83	10 <sup>th</sup>			Painted crosses, sent 2 limbers for Ordnance stores to Bde, sent Wagon detailed by Bde to Jerusalem Railway Station. A large number of men have gone sick, since arriving in Jerusalem they continue daily to be admitted to Field Ambulance and it is becoming difficult to carry on the work owing to shortage of numbers	
ENAB Syria Jerusalem 1/250,000 K 3	11 <sup>th</sup>			Troop left JERUSALEM and tracked independently of the Bde, halted two hours at ENAB, arrived at LATRON 1700 arranged watering for Bde.	
LATRON Syria Jerusalem 1/250,000 I-25					

A5834 Wt. W4973/M687 750,000 8/16 D. D. & L. Ltd. Forms/C.2118.13.



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 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	
WADI HANEIN Sheet XVIII 1-1 mile DTI U. 24. b.	12 <sup>th</sup>		B FIELD TROOP Con <sup>rd</sup>		
			Left LATRON at 1700 arrived Wadi HANEIN at 1100. Lieut Jones went ahead with party of 5% arriving 1000 and inspected water troughs and Engines		
		13 <sup>th</sup>		Took a hand with R.E's and rectified troughs sufficiently to enable Bde. to water. Bde arrived 12 noon.	
		14 <sup>th</sup>		ASSISTED 17.7 Field Troop to erect 6 Canvas troughs and lay 1200 ft of additional pipe line - Rifle inspection. Lieut Jones went to Ludd and secured some salvaged material, timber, wire netting etc	
		15 <sup>th</sup>		Sent waggons to Ludd to fetch material. Had working party of 90 men from Bde and marked out and constructed roads through Brigade Camp Area. Took over water area from 355 Water Coy, this entails running three engines, as all expert drivers have been evacuated it was necessary to put on semi-trained men which means that one officer has to be in constant attendance. Saddlery inspection.	
		16 <sup>th</sup>		Started construction of stretchers for Field Amb work. Overhauled one engine repaired several broken parts repaired about a dozen joints in pipe line. Started to build two rock-houses	
		17 <sup>th</sup>		Continued making stretchers, completed 15 <del>==</del> . Laid 150 ft wire road 2 ft wide for Bde Cvs from metal road to Brig General's quarters	
		18 <sup>th</sup>		Completed 10 more stretchers. Overhauled and repaired 7 latrine screens. Made and erected 4 "NO ROAD" signs	
		19 <sup>th</sup>		O.C. to Ludd to arrange to draw R.E. material. Repaired 10 fanals. Fixed off and prepared oblation area. Built up sandbag rests and fixed 40 stretchers (as mentioned above). Screened off verandah of House where Field Amb are quartered, for patients. During this period 1 MCC and 4 men have been in attendance on doctes in watering area, to regulate flow and ensure smooth running. 1. NCO and 1% have been constantly employed on the engines. In addition to 2% Bde the 18 <sup>th</sup> Artillery Bde and Div Train watered at this area.	
		20 <sup>th</sup>		Owing to shortage of men, took away from Bde watering area leaving 1 N.E.C and 2% to carry on this made the task a very arduous one. With carpenters (attached from Regt) make latrine screens and shelters	

10



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

WAR DIARY

or

INTELLIGENCE SUMMARY.

(Erase heading not required.)

Army Form C. 2118.

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
	<b>B TROOP CONES</b>			
	21 <sup>st</sup>		One Officer went with Bde Major. to choose site for rifle range, continued work on latrine screens and shelters, cleaned out Bde water troughs, marked out site for rifle range	
	22 <sup>nd</sup>		Cut a drain 200ft in length to carry water from Ablution area. One Officer to obtain material for range	
	23 <sup>rd</sup>		Wagons sent to Ludd for material, erected 10 latrine screens and 2 Cooks shelters for Bde	
	24 <sup>th</sup>		Obtained some unserviceable water pipes from R.E. Water Coy, and constructed football grounds one for each Regt and one for B.H.Q. as goal posts. Made One Cross. Commenced overhauling 4x4 Targets drawn from R.E. Park. Overhauled 2, 3000 gallon drinking water reservoirs and cleaned them out	
	25 <sup>th</sup>		Started party of 50 men on rifle range, making 100 and 200 yds mounds. Repairs to typewriter for 2 <sup>nd</sup> A.L.H. Fld. Amb. found it necessary to completely take it to pieces and make several new parts such as springs, levers etc. Sent wagon to Richon (Ayun Kava) to pick up wire netting left there by the R.E. to finish wire road for Bde cars.	
	26 <sup>th</sup>		Started party of 100 men on range - Typewriter reassembled and put into working order	
	27 <sup>th</sup>		Reported that one deep well pump was leaking, overhauled this pump, found one barrel leaking the casting having been broken, made a temporary packing of lead.	
	28 <sup>th</sup>		Completed 100 and 200 yds mounds to range. Commenced 300 yds mounds and the marker's pit. Making sign boards and various accessories for the sports grounds. Got 2 Engine drivers from the 7 <sup>th</sup> Regt A.L.H. found it impossible owing to shortage of men to carry on otherwise. The shortage of mechanics is at present serious as all water in this area is raised from great depths. Continued work on range. Erected 11x10 stage for M.C.A.	
	29 <sup>th</sup> to 31 <sup>st</sup>		Erected targets on range and finished marker's pit and 300 yds mound. Marked out Sports Ground and band-stand. Made cricket pitches, one for Bde and one for 7 <sup>th</sup> Regt. Completed range, picked up ground on hill behind targets to smother strike of bullets finished by 0900 31 <sup>st</sup> . Repairs to roads, G.S. wagon	

(A7092). Ft. W12839/M1293. 750,000. 1/17. D. D. & L., Ltd. Forms/C.2118 14.



A AND N. Z. FIELD SQUADRON ENGINEERS.

OCTOBER 1918.

War Diary.

A P P E N D I C E S .

1. Sketch of Hejaz Railway Viaduct, AMMAN.
2. Sketch of Gallery to above Viaduct .
3. Sketch of Engine ( captured ) showing damage,  
and how repaired. Also description.