

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

Tunnelling & Survey

Item number: 16/1/5

Title: Australian Electrical and Mechanical
Mining and Boring Company

June 1918



AWM4-16/1/5

Chief Electrician + ~~Mining~~
Mechanical
Mining +
Boiling Bay

January 1918 to

June 1918

[Large red scribble]
[Faint red scribble]

No. 3863 De Newman R. A.

complete

O. 1/c. War Records Section

364 A. I. F. Hqrs.

London.

Original



Herewith this Units Diary for the month of June 1918.

New electric light installation was installed in the Hythe Tunnels Hill 70, also power supplied for Gas Filter Tests from Power Fans. Power was withdrawn from Wieltje Tunnel systems as being no longer required, this Station was installed on 5th. July 1917, for mining purposes viz. for Pumping, Ventilating, Haulage and Lighting.

The size of plant was increased at different times to meet requirements.

The electrically driven compressor was successfully used after an enemy blow, and the consequent gassing of the mine, for drawing the gas from the Mine. To do this No. 831 S/Sgt. Whitwell of this Unit, operated the compressor, whilst wearing the Proto Mine rescue apparatus.

Preparatory to the second and later stage of the Passchendaele operations, this system was connected by a pole line to the HILL TOP dugout system, 400 yards, and the intermediate dugouts, and also by pole line to MILL COT dugout system 1000 yards, and intermediate systems, Voltage of plant 440.

Since the line was pushed forward on 31st. July 1917, a large system of dugouts have been kept pumped and lit.

5 Generating Sets totalling 69 H.P.

7 Pumps

2 Ventilating Sets

6309 yards of Cable. 373 Lighting Points.

have been supplied to this installation.

SHOP.

General overhaul of Internal Combustion engines, electrical equipment, general plumbing, and the manufacture of material for Wombat, Deep Well, Geological Boring material have been carried out.

MAINTAINANCE.

364
General inspection of maintainance and overhaul to the various forward line stations in the Second, First and Third Army Fronts.

BORING.

Deep well boring for water in progress at the Southern Aerodromes Rouen, and Coast districts.

WOMBAT AND ACME DRILL BORING for Signal cables.

GEOLOGICAL BORING and TEST BORING for suitable positions for dugout work and gravel deposits in the Army Areas.

V. R. Moore

MAJOR.
S.G., A.E.M.; M. & B. Coy.

June 1918.

1.

364

OFFICE.

APPENDIX

Letters Received	390
Letters Sent.	238.

OFFICE STAFF.

Company Sergeant Major.
 Orderly Room Corporal.
 Post Orderly.

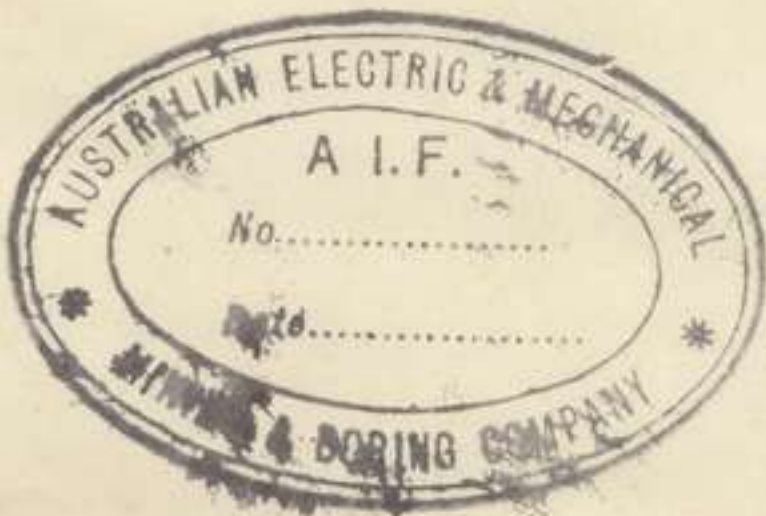
STRENGTH.

Aust. Elect. Mech. Ming. and Boring Coy.	4 officers	147	O/Ranks.
A.I.F. Attached from Reinfts.	3	96	O/Ranks
		39	O/Ranks.

	7	282	

CASUALTIES.

Number for Month. 19.



364

ISSUES AND RETURNS.

APPENDIX

	Issued	Returned
Electric Pumps	3	2
Ventilating sets	9	1

GENERATING SETS ISSUED

One 5 H.P. 220 Volts	Hythe Tunnel
One 5 H.P. 220 Volts	Hythe Tunnel
One 3 H.P. 220 Volts.	Central Lab. G.H.Q.

GENERATING SETS RETURNED

One 1/8 H.P. 480 Volts	Wieltje.
------------------------	----------

Approximate packages of stores issued from Q.M. Store for June.

Generating Sets	3
Pumping Sets	3
Ventilating Sets	9
Sandbags Goods	49
Cases. Lamps	8
Cases. Oil	33
Cases. Goods	14
Drums. Grease	1
Drums. Cable	7
Bundles. Goods	18
Bundles. Piping	173
Tanks	4
Packages. Machinery	11
Boring Sets	3

	335

STAFF.

Q. M. S.	1
Clerk	1
Assistant.	1.



June 1918.

364

WORKSHOP.

Work completed in Workshop for June.

APPENDIX

Generating Sets overhauled and tested over 10 H.P. 2.

Generating Sets overhauled and tested under 10 HP. 1.

ELECTRICAL.

Generators repaired 5.

Magnetos repaired 6.

PLUMBING.

Plumbers work for month of June.

Tanks manufactured 3 Total gallons 600

Piping assorted sizes feet. 210

Pipe fittings assorted 41.



T R A N S P O R T.

Motor Transport Mileage for June 1918.	3000
Motor Car 14300	3100
Box Car 35593	3400
Lorry No. 27267	238
Attached lorries	3050
Motor Cycles	4000

APPENDIX

W A T E R B O R I N G.

Bores completed in June 1918.

Courban	630 ft
Epagnette	303. ft.

