# UNDERGROUND WAR

VIMY RIDGE TO ARRAS

PHILLIP ROBINSON & NIGEL CAVE

# **The Underground War Vimy Ridge To Arras**

Nicholas J. Saunders, Paul Cornish

#### The Underground War Vimy Ridge To Arras:

**The Underground War** Philip J. Robinson, Nigel Cave, 2011-05-17 This is the first part of a planned four volume series focusing on a hitherto largely neglected aspect of the Great War on the Western Front the war underground The subject has fascinated visitors to the battlefields from the very beginning of battlefield pilgrimages in the years immediately after the Armistice and locations such as Hill 60 and the Grange Subway at Vimy have always been popular stops on such tours Three other volumes will follow covering the Somme Ypres and French Flanders Each book in the series has a short description of the formation and development of Tunnelling Companies in the BEF and a glossary of technical terms This volume looks mainly at the central Artois the environs of the whole line of the Vimy Ridge to the River Scarpe and Arras It does not aim to be a complete treatment of the intensive mining operations along this front It concentrates on mining in the area of Vimy Ridge in Arras itself and at the use of ancient underground guarries taking Roeux as a good example There are extensive descriptions of mining on and around Vimy Ridge including photography and explanations of systems that have been accessed recently but are closed to the public such as the Goodman Subway The narrative draws on French and German archival material and personal descriptions. The text is illustrated with numerous diagrams and maps in particular from the British and German records and there is an exhaustive guide to the Grange Subway Other sites open to the public in particular the Wellington Cave are also explained and put into context BBC History Archaeologists are beginning the most detailed ever study of a Western Front battlefield an untouched site where 28 British tunnellers lie entombed after dying during brutal underground warfare For WWI historians it s the holy grail The Underground War ,2011 **Fallen: Arras North** Peter Hughes, 2015-05-30 Like Ypres Arras was a front line town throughout the Great War From March 1916 it became home to the British Army and it remained so until the Advance to Victory was well under way In 1917 the Battle of Arras came and went It occupied barely half a season but was then largely forgotten the periods before and after it have been virtually ignored and yet the Arras sector was always important and holding it was never easy or without incident death of course was never far away The area around Arras is as rich in Commonwealth War Graves Commission cemeteries as anywhere else on the Western Front including the Somme and Ypres and yet these quiet redoubts with their headstones proudly on parade still remain largely unvisited This book is the story of the men who fell and who are now buried in those cemeteries and the telling of their story is the telling of what it was like to be a soldier on the Western Front Arras North is the first of three books by the same author This volume contains in depth coverage of almost sixty Commonwealth War Graves Commission cemeteries and is a veritable Who s Who of officers and other ranks who fell on this part of the Western Front It provides comprehensive details of gallantry awards and citations and describes many minor operations raids and other actions as well as the events that took place in April and May 1917 It is the story of warfare on the Western Front as illustrated through the lives of those who fought and died on the battlefields of Arras There are many

unsung heroes and personal tragedies including a young man who went out into no man's land to rescue his brother an uncle and nephew killed by the same shell a suicide in the trenches and a young soldier killed by a random shell whilst celebrating his birthday with his comrades There is an unexpected connection to Ulster dating back to the days of Oliver Cromwell and William of Orange a link to Sinn Fein and an assassination a descendant of Sir Isaac Newton as well as a conjuror a friend of P G Wodehouse a young officer said to have been thrilled to lead his platoon into the trenches for the first time only to be killed three hours later and a man whose headstone still awaits the addition of his Military Medal after almost a century despite having been involved in one of the most daring rescues of the war This is a superb reference guide for anyone visiting Arras and its battlefields War Underground Earl J. Hess, 2025-02-18 From as early as ancient Greek Roman and Chinese warfare to the battles of World War I military mining was an essential component of siege warfare Armies have tunneled underneath castle walls dug trenches across no man's land and engineered confusing defensive countermines These tactics for assaulting enemy fortifications and positions by creating underground access have adapted to changes in warfare technology geography and culture While its use diminished after 1918 when speed and movement took precedence over capturing strongpoints military mining remains a viable strategy still deployed to this day Although military historians have given mining marginal treatment in virtually every study of siege warfare it has not yet been treated with depth or comprehensiveness as a subject in its own right In this first book length study of the subject renowned military historian Earl Hess now fully addresses the topic of military mining from its earliest origins to the twenty first century In War Underground Hess offers a sweeping study of the use of offensive and defensive military mining in more than 300 sieges from around the world and across almost three millennia The result is an impressively broad and comprehensive treatment of the grand history of military mining which offers novel insights to the evolution and trajectory of the strategy since its ancient origins

Directing the Tunnellers' War Phillip Robinson, Nigel Cave, 2021-01-18 A first hand account of the underground work of the First World War from the firing of mines to constructing subways to bureaucratic mishaps With a background in mining and tunneling Major H R Dixon was transferred to GHQ in Montreuil to handle mining plans and records In due course he was appointed to a small group of Royal Engineers officers who operated as the eyes and ears of the Inspector of Mines His activity in this role is particularly important for the period after the June 1917 Messines Offensive when the use of mining for blows against the enemy substantially diminished indeed all but disappeared and the tunneling companies were reallocated to a new range of tasks Dixon was at the centre of staff activity that set about countering the effects of the German Kaiserslacht offensives in March April and May 1918 and the preparations for a possible German breakthrough to the channel ports Subsequently with the allied advances of the Last Hundred Days he became considerably occupied by the hazards of dealing with delayed action mines and booby traps His manuscript produced in 1933 remained no more than a draft until it was rescued some time ago by one of the editors from the Royal Engineers archives at Chatham It recounts by

means of numerous humorous anecdotes the personalities and work of the staff at GHQ ranging from humble clerks and the misdemeanors of his batman to senior officers He brings to life the exceptional endeavours of the often maligned senior staff and the individual characteristics of many senior staff officers who are otherwise but shadows in accounts of the Great War

**Visiting the Fallen: Arras South** Peter Hughes, 2015-10-30 This companion volume to Visiting the Fallen Arras North provides in depth information of the WWI battlefield its significance and its cemeteries Arras France was a frontline town throughout the Great War In 1916 it became home to the British Army and it remained so until the Advance to Victory The area around Arras is as rich in Commonwealth War Graves Commission cemeteries as anywhere on the Western Front yet they remain largely unvisited This book explores those cemeteries and tells the story of the men who are buried there Visiting the Front Arras South contains comprehensive coverage of over 60 Commonwealth War Graves Commission cemeteries to be found in Arras and to the south of the town It has a wealth of gallantry awards including their citations and features hundreds of officers and other ranks who fell during the war Many small actions raids and operations are described in a book that tells the story of warfare on the Western Front through the lives of those who fought and died on the battlefields of Arras This is an essential reference guide for anyone visiting Arras and its battlefields **Battle Beneath the Trenches** Robert Johns, 2015-03-31 Undermining the positions of the enemy is one of the most ancient activities For almost 3000 years even before 1914 it was a popular siege breaking technique During the Great War arguably the greatest siege the world had ever seen it presented a conflict environment that perfectly favoured the skills of the military miner During 1915 the Western Front was established as a static line that grew into a huge network of defence in depth earthworks Siege conditions demanded siege tactics and as the ground was everywhere mineable the Western Front was a prime candidate for underground warfare Royal Engineer tunnelling companies were specialist units of the Corps of Royal Engineers within the British Army formed to dig attacking tunnels under enemy lines during the First World War The Cornish Miners were one of these specialist units recruited from the tin mines of Cornwall In February 1915 eight Tunnelling Companies were created and operational in Flanders from March 1915 By mid 1916 the British Army had around 25 000 trained tunnellers mostly Beneath the Killing Fields Matthew Leonard, 2017-02-19 volunteers taken from mining communities This is their story Beneath the Killing Fields of the Western Front still lies a hidden landscape of industrialised conflict virtually untouched since 1918 This subterranean world is an ambiguous environment filled with material culture that that objectifies the scope and depth of human interaction with the diverse conflict landscapes of modern war Covering the military reasoning for taking the war underground as well as exploring the way that human beings interacted with these extraordinary alien environments this book provides a more all encompassing overview of the Western Front The underground war was intrinsic to trench warfare and involved far more than simply trying to destroy the enemys trenches from below It also served as a home to thousands of men protecting them from the metallic landscapes of the surface With the aid of cutting edge fieldwork

conducted by the author in these subterranean locales this book combines military history archaeology and anthropology together with primary data and unique imagery of British French German and American underground defences in order to explore the realities of subterranean warfare on the Western Front and the effects on the human body and mind that living and fighting underground inevitably entailed **Tunnelling Commander on the Western Front Myles** Sanderson, 2025-03-31 Major Alexander Sanderson DSO MC Bar MiD was one of the ablest and most experienced mining engineers to serve on the Western Front in the First World War Following on from his early adventurous life in the outback in this biography written by his grandson we reveal the full story of the highly technical war he waged below and above No Man s Land near Lens in France as part of the 3rd Australian Tunnelling Company As a young New Zealand born student of the West Australian Engineer in Chief he attended the School of Mines and became an underground goldmine manager alongside H C Hoover the future US President After a construction business venture with his friend John Monash later General Sir he undertook camel treks across the harsh Ashburton desert sinking artesian wells and gold prospecting before joining the Army having abandoned his claim to a million acre cattle station to do so Enrolling as a Captain HQ staff as a Mining Corps expert Sanderson was tasked with listing all the equipment such as winches fans generators etc necessary for speeding up a war underground Sanderson's first Military Cross was awarded for his role during the Battle of Fromelles in July 1916 during which he was wounded by shellfire while repairing an explosive charge in No Man's Land Sent to Hill 70 at Loos his Company was at once pitched into a silent deadly underground cat and mouse war of nerves with German pioneers Sanderson's rapid survey of the galleries and his alert listeners acuity soon pinpointed the tunnels of the out maneuvered enemy miners Hit by three huge camouflets the enemy ceased mining Sanderson's second MC and wound stripe were awarded after a successful night time raid to destroy enemy shafts When his CO was killed by a sniper he took over command We also read how the Australians constructed a vast network of defensive subways for the infantry from La Bass e to Hill 70 Sanderson's defensive Hythe Tunnel constructed in 1918 complete with pivoting bascule doors and sliding internal walls was considered one of the finest tunnels on the Western Front During the Blitz in the Second World War Sanderson was put in charge of repairs to the bomb damaged London Underground Such was his tunneling skills he was also a consultant structural engineer for both the Cabinet War Rooms and Churchill's underground bunker following which Winston presented him with a box of his cigars as a token of the Prime Minister's appreciation Such was Sanderson's technical ability in 1942 he submitted secret revolutionary Tilt wing and Vertical Take Off aeronautical designs to the Air Ministry all of which are revealed in this biography of one man's service in two world wars

A Liberal Chronicle in Peace and War Joseph Albert Pease Baron Gainford, 2023 Jack Pease was at the heart of the British Liberal government from 1908 to 1915 holding the position of Chief Whip through two general elections and a member of the Cabinet confronting domestic tumult international tensions and war Pease's text provides a uniquely comprehensive understanding of Asquith's government in peace and war

Modern Conflict and the Senses Nicholas I. Saunders, Paul Cornish, 2017-03-16 Modern Conflict and the Senses investigates the sensual worlds created by modern war focusing on the sensorial responses embodied in and provoked by the materiality of conflict and its aftermath The volume positions the industrialized nature of twentieth century war as a unique cultural phenomenon in possession of a material and psychological intensity that embodies the extremes of human behaviour from total economic mobilization to the unbearable sadness of individual loss Adopting a coherent and integrated hybrid approach to the complexities of modern conflict the book considers issues of memory identity and emotion through wartime experiences of tangible sensations and bodily requirements This comprehensive and interdisciplinary collection draws upon archaeology anthropology military and cultural history art history cultural geography and museum and heritage studies in order to revitalize our understandings of the role of the senses in conflict **Supporting Tunnelling Operations in the** Great War Damien Finlayson, 2018-09-30 Few soldiers on the Western Front had heard of the Australian Electrical and Mechanical Mining and Boring Company even after it had been renamed the Alphabet Company by an AIF wag Yet many knew the work of this tiny unit which numbered fewer than 300 at full strength Despite its small size the Alphabet Companys influence was enormous and spanned the entire British sector of the Western Front from the North Sea to the Somme This is the story of the Alphabeticals who led by Major Victor Morse DSO operated and maintained pumps generators ventilation fans drilling equipment and other ingenious devices in extreme circumstances Given the horrendous conditions in which the troops lived and fought this equipment was desperately needed as were the men who operated it in the same often nightmarish setting This is the first account of the dynamic little unit that was the Alphabet Company a unit that has been neglected by history for a century It is the story of the men their machinery and the extraordinary grit they displayed in performing some of the most difficult tasks in a war noted for the horrific conditions in which it was waged They do not deserve to be forgotten Tracing Your Coalmining Ancestors Brian Elliott, 2014-02-11 A meticulous mixture of social and family history Whether or not you have mining connections this is an interesting socio economic read Your Family Tree In the 1920s there were over a million coalminers working in over 3000 collieries across Great Britain and the industry was one of the most important and powerful in British history It dominated the lives of generations of individuals their families and communities and its legacy is still with us today many of us have a coalmining ancestor Yet family historians often have problems in researching their mining forebears Locating the relevant records finding the sites of the pits and understanding the work involved and its historical background can be perplexing That is why Brian Elliott's concise authoritative and practical handbook will be so useful for it guides researchers through these obstacles and opens up the broad range of sources they can go to in order to get a vivid insight into the lives and experiences of coalminers in the past His overview of the coalmining history and the case studies and research tips he provides will make his book rewarding reading for anyone looking for a general introduction to this major aspect of Britain's industrial heritage His directory of regional and national

sources and his commentary on them will make this guide an essential tool for family historians searching for an ancestor who worked in coalmining underground on the pit top or just lived in a mining community As featured in Who Do You Think The Lightning Keepers Damien Finlayson, 2017-04-05 Few soldiers on the You Are Magazine and the Barnsley Chronicle Western Front had heard of the Australian Electrical and Mechanical Mining and Boring Company even after it had been renamed the Alphabet Company by an AIF wag Yet many knew the work of this tiny unit which numbered fewer than 300 at full strength Despite its small size the Alphabet Company's influence was enormous and spanned the entire British sector of the Western Front from the North Sea to the Somme The Lightning Keepers the AIF's Alphabet Company in the Great War is the story of the Alphabeticals who led by Major Victor Morse DSO operated and maintained pumps generators ventilation fans drilling equipment and other ingenious devices in extreme circumstances Given the horrendous conditions in which the troops lived and fought this equipment was desperately needed as were the men who operated it in the same often nightmarish setting This is the first account of the dynamic little unit that was the Alphabet Company a unit that has been neglected by history for a century It is the story of the men their machinery and the extraordinary grit they displayed in performing some of the most difficult tasks in a war noted for the horrific conditions in which it was waged They do not deserve to be forgotten The Great War and the British Empire Michael J.K. Walsh, Andrekos Varnava, 2016-11-25 In 1914 almost one quarter of the earth's surface was British When the empire and its allies went to war in 1914 against the Central Powers history s first global conflict was inevitable It is the social and cultural reactions to that war and within those distant often overlooked societies which is the focus of this volume From Singapore to Australia Cyprus to Ireland India to Iraq and around the rest of the British imperial world further complexities and interlocking themes are addressed offering new perspectives on imperial and colonial history and theory as well as art music photography propaganda education pacifism gender class race and diplomacy at the end of the pax Britannica Underground Warfare, 1914-1918 Simon Jones, 2010-06-15 Simon Joness graphic history of underground warfare during the Great War uses personal reminiscences to convey the danger and suspense of this unconventional form of conflict He describes how the underground soldiers of the opposing armies engaged in a ruthless fight for supremacy covers the tunneling methods they employed and shows the increasingly lethal tactics they developed during the war in which military mining reached its apotheosis He concentrates on the struggle for ascendancy by the British tunneling companies on the Western Front But his wide ranging study also tells the story of the little known but fascinating subterranean battles fought in the French sectors of the Western Front and between the Austrians and the Italians in the Alps which have never been described before in English Vivid personal testimony is combined with a lucid account of the technical challenges and ever present perils of tunneling in order to give an all round insight into the extraordinary experience of this underground war Voices of World War I Priscilla Roberts, 2023-06-30 Bringing together a diverse collection of primary source documents this book illuminates the events and

experiences of World War I from a variety of perspectives from soldiers on the front lines to civilians supporting the war effort at home Part of Bloomsbury's Voices of an Era series this carefully curated collection highlight the wartime experiences of a diverse array of individuals from around the globe In addition to covering major military innovations and turning points documents explore how issues of gender race diplomacy and empire building impacted individuals experience of the Great War Each of the 42 documents includes contextual information and thought provoking questions to guide readers in their exploration of the text In addition to high interest sidebars in text glossary definitions biographical snapshots of key figures and a comprehensive chronology of the war the book also includes a guide to evaluating and interpreting primary sources that bolsters readers analytical and critical thinking skills Although it was nicknamed the war to end all wars World War I heralded the start of modern day conflicts The human toll of the Great War was immense an estimated 9 million soldiers died on the battlefield while more than 5 million civilians died as the result of military actions disease or famine In the wake of World War I empires crumbled and new nations won their independence Although the events and aftermath of World War I happened on an epic scale the conflict is best understood through the human lens provided by these primary Vimy Ridge Nigel Cave, 1995-10-20 This volume covers the battlefields of Arras around Vimy Ridge dealing with sources the activities of the French and the British and the start of the Battle of Arras Vimy Ridge gives a balanced view of the fighting by detailed descriptions of various units and individuals New Sensory Approaches to the Past Pamela Jordan, Sara Mura, Sue Hamilton, 2025-07-07 New Sensory Approaches to the Past assembles a series of research projects investigating cultural environments through the lens of the senses The book presents the latest approaches to sensory archaeology and heritage research that aim to understand the lived experience of past inhabitants Interdisciplinary case studies carry out investigations in three different registers personal and embodied teamwork and collective responses to the historical environment and digital reconstruction An international cast of contributors includes archaeologists architects sociolinguists military experts cultural studies scholars and acoustics specialists with research sites spanning Palaeolithic rock art to a 1960s North American fairground Descriptions and analyses of sensory in situ investigations offer methodological transparency with the visual analysis that is common in archaeology and heritage assessments is placed alongside ethnographic techniques landscape survey sound recording preservation advocacy work and various forms of digital reconstruction This interdisciplinary approach harmonizes research terminologies across fields fostering a comprehensive understanding of sensory based studies and the methods used to carry them out The book revitalizes familiar concepts with new insights and provides a platform to examine and resolve interdisciplinary ambiguities making it an invaluable resource for advancing sensory research **Worcestershire Regiment in the Great War Vol 1** Capt H. FitzM. Stacke, 2013-02-20 Arguably the finest regimental history even written A magnificent publication it is with its profusion of maps illustrations and photos each page of photos contains several The Worcesters was one of the five regiments that had

four regular battalions before the war with two special reserve and two territorial battalions By the end of the war another fourteen battalions had been raised for a total of twenty two of which twelve went on active service 9 460 officers and men gave their lives 71 Battle Honours were awarded and eight VCs one of whom attached to the RFC was the airman Leefe Robinson famous for shooting down a zeppelin Battalions served on the Western Front in Gallipoli Macedonia Mesopotamia Italy one battalion ended the war in North Persia Appendices provide the Roll of Honour Honours and Awards including Mention in Despatches with date of Gazette for Companion of the British Empire read Commander details of Badges Colours and Distinctions of the regiment and the music for regimental marches Illustrations are by well known artists depicting battle scenes including each VC winning action apart from Leefe's zeppelin After considering various factors explained in his very informative preface the author decided to present this history as one general story in which the number of the battalion concerned is printed in the margin of the pages dealing with its deeds Attention is paid to minor actions such as trench raids which usually find no place in compressed official histories they are recorded in this history. The plans illustrate the engagements recorded in the book and are designed to depict the part played by the several battalions in their battles and to enable the visitor to the battlefields to recognise the ground on which each fight took place as much as to make clear the general course of those actions The book opens with a very interesting account of the regiment in the years before the war beginning at the turn of the century and there is a very comprehensive index of 25 pages This is a great piece of work and must rank as one of the finest of the Great War regimental histories many would say the finest and I wouldn t argue

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#### **Table of Contents The Underground War Vimy Ridge To Arras**

- 1. Understanding the eBook The Underground War Vimy Ridge To Arras
  - The Rise of Digital Reading The Underground War Vimy Ridge To Arras
  - Advantages of eBooks Over Traditional Books
- 2. Identifying The Underground War Vimy Ridge To Arras
  - Exploring Different Genres
  - Considering Fiction vs. Non-Fiction
  - Determining Your Reading Goals
- 3. Choosing the Right eBook Platform
  - Popular eBook Platforms
  - Features to Look for in an The Underground War Vimy Ridge To Arras
  - User-Friendly Interface
- 4. Exploring eBook Recommendations from The Underground War Vimy Ridge To Arras
  - Personalized Recommendations
  - The Underground War Vimy Ridge To Arras User Reviews and Ratings
  - The Underground War Vimy Ridge To Arras and Bestseller Lists
- 5. Accessing The Underground War Vimy Ridge To Arras Free and Paid eBooks
  - The Underground War Vimy Ridge To Arras Public Domain eBooks
  - The Underground War Vimy Ridge To Arras eBook Subscription Services
  - The Underground War Vimy Ridge To Arras Budget-Friendly Options
- 6. Navigating The Underground War Vimy Ridge To Arras eBook Formats
  - o ePub, PDF, MOBI, and More
  - The Underground War Vimy Ridge To Arras Compatibility with Devices
  - The Underground War Vimy Ridge To Arras Enhanced eBook Features
- 7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of The Underground War Vimy Ridge To Arras
  - Highlighting and Note-Taking The Underground War Vimy Ridge To Arras
  - Interactive Elements The Underground War Vimy Ridge To Arras
- 8. Staying Engaged with The Underground War Vimy Ridge To Arras

- o Joining Online Reading Communities
- Participating in Virtual Book Clubs
- Following Authors and Publishers The Underground War Vimy Ridge To Arras
- 9. Balancing eBooks and Physical Books The Underground War Vimy Ridge To Arras
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection The Underground War Vimy Ridge To Arras
- 10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
- 11. Cultivating a Reading Routine The Underground War Vimy Ridge To Arras
  - Setting Reading Goals The Underground War Vimy Ridge To Arras
  - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of The Underground War Vimy Ridge To Arras
  - Fact-Checking eBook Content of The Underground War Vimy Ridge To Arras
  - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
  - Utilizing eBooks for Skill Development
  - Exploring Educational eBooks
- 14. Embracing eBook Trends
  - Integration of Multimedia Elements
  - Interactive and Gamified eBooks

# The Underground War Vimy Ridge To Arras Introduction

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