

# CONTENTS.

|                                                         | PAGE |
|---------------------------------------------------------|------|
| General statement                                       | 1    |
| Location and area                                       | 1    |
| History                                                 | 2    |
| Bibliography                                            | 5    |
| General character of the district                       | 9    |
| Topography                                              | 9    |
| General statement                                       | 9    |
| Laurentian plateau                                      | 9    |
| Cordilleran region                                      | 11   |
| The Great Central plain                                 | 14   |
| Rivers                                                  | 17   |
| Great lakes                                             | 22   |
| Agriculture                                             | 37   |
| Climate                                                 | 40   |
| Fauna                                                   | 42   |
| Timber                                                  | 46   |
| Transportation facilities                               | 48   |
| Commercial possibilities                                | 50   |
| Inhabitants                                             | 53   |
| General geology                                         | 56   |
| Summary                                                 | 56   |
| Table of formations                                     | 56   |
| Description of formations                               | 58   |
| Pre-Cambrian                                            | 59   |
| Palaeozoic (not subdivided)                             | 59   |
| Devonian                                                | 63   |
| Cretaceous                                              | 64   |
| Tertiary                                                | 71   |
| Pleistocene and Recent                                  | 81   |
| Section in Peace River pass                             | 81   |
| Section on Liard river                                  | 83   |
| Section on Gravel river                                 | 84   |
| Section on Peel and Wind rivers                         | 86   |
| Section along Peel River portage west of Fort McPherson | 87   |
| Structural geology                                      | 89   |
| Economic geology                                        | 90   |
| Bituminous sands                                        | 92   |
| Clays                                                   | 92   |
| Coal                                                    | 100  |
| Cobalt                                                  | 103  |
| Copper                                                  | 108  |
| Gold                                                    | 109  |
| Gypsum                                                  | 109  |
| Iron                                                    | 111  |
| Lead and zinc                                           | 112  |
| Nickel                                                  | 113  |
| Petroleum and natural gas                               | 113  |
| Potash                                                  | 116  |
| Salt                                                    | 128  |
| Silver                                                  | 128  |
| Index                                                   | 149  |