

**DIVISION 4.—LAND SELECTION & ENQUIRY.**  
 Gwynne A. P. draftsman & clerk  
 Bee E. G. draftsman & clerk  
 Metz C. H. draftsman & clerk  
 Wallis G. W. draftsman & clerk  
 Houston R. D. clerk  
 Gordon J. H. clerk  
 Wallis W. D. clerk

**DIVISION 5.—ROADS & RESERVES.**  
 Starr G. draftsman & clerk

**DIVISION 6.—STONES & MESSERS.**  
 Ford F. E. store assist  
 Tate Wm. messenger  
 Vincent L. C. F. messenger  
 Udy Earnest, messenger

**DIVISION 7.—LAND AGENCIES.**  
 Sweeting G. B. l. agt. Broad Arrow  
 House G. E. H. l. agent, Beverley  
 Teode G. R. l. agent, Bunbury  
 Emery Geo. l. agent, Coolgardie  
 Gibbs G. G. l. agent, Fremantle  
 Elliot Ray, l. agent, Geraldton  
 Tupper E. l. agent, Kalgoorlie  
 Sackville-West J. l. agt. Knownwa  
 Horley H. l. agent, York  
 Starr H. J. draftsman, Katanning  
 Tonkin Jos. clerk, Katanning

**DIVISION 8.—INSPECTION OF LANDS & IMPROVEMENTS.**  
 Brockman H.  
 Whitaker S. H.

**DIVISION 9.—SURVEYOR-GENERAL.**  
 Canning A. W. surveyor  
 Lewis A. J. road surveyor  
 Wells A. l. road surveyor  
 Oam J. P. surveyor  
 Gladstones H. surveyor  
 Crowther H. surveyor  
 Fox M. surveyor  
 Holt G. H. draftsman  
 Carter C. B. comp. draftsman  
 Nugent W. L. computer  
 Calder H. comp. draftsman  
 Hughes J. S. T. draftsman  
 Bridson H. S. J. draftsman  
 Simpson L. computer  
 Turner C. P. computer  
 Reilly Albert, comp. draftsman  
 Patterson J. computer  
 Smart G. E. litho-draftsman  
 Hardy C. D. computer  
 Murray Thos. draftsman  
 O'Conor J. comp. draftsman  
 Walsh J. T. computer  
 Green A. E. deeds draftsman  
 Richards E. P. compt. draftsman  
 Hammond P. T. compt. draftsman  
 Hall A. M. compt. draftsman  
 Hume J. E. litho-draftsman  
 McAuliffe A. A. draftsman  
 Preshaw R. O. draftsman  
 Turner A. deeds draftsman  
 Hagan D. M., jun. draftsman  
 Knight C. L., jun. draftsman  
 Innes H. A. asst. plan mounter  
 Arnold V. L., jun. draftsman  
 Koay D. W. clerk  
 Halliday A., jun. draftsman  
 Fry G. B., jun. clerk plans  
 Parker E. W. messenger  
 Seiner Jos. messenger

McIntyre A. T. messenger  
 Wardle Wm. messenger  
 Survey assistants, chainmen & laborers

**Fisheries.**  
 Gale C. F. chief inspector of fisheries, Perth  
 King Wm., inspector, Sharks Bay  
 Adams John, seaman  
 Taylor F. W. inspector, Perth  
 Abjornsson A. inspector, Perth  
 Foot Jos. caretaker oyster harbour, Albany  
 Butcher G. T. inspector, Albany  
 Winzar Frank, inspector, Bunbury

**Woods & Forests.**  
 Richardson C. G. clerk  
 Palmer E. V. clerk  
 Arnold D. W. caretaker & messenger  
 Brockman N. S. forest ranger  
 Patterson S. forest ranger  
 Fitzgerald J. J. forest ranger  
 McFarlane A. nurseryman  
 Deans J. O. S. caretaker Point Walter

**Stock.**  
 Craig J.M. chief inspector of stock  
 Malcolm Norman, clerk & insptr  
 Knight W. G. inspector Albany  
 Warton M. S. inspector Broome  
 Gibbons P. J. inspector Broomhill  
 Nathan H. inspector Coolgardie  
 Williams T. C. inspector Esperance

**Department of Agriculture.**  
 BOARD OF ADVICE.  
 Harper Charles M.L.A. (chairman)  
 Richardson A. R.  
 Ho J. G. H. Amherst J.P.  
 Hon. E. McLarty M.L.C.  
 Craig F. J.P.  
 Gill R. J.P.  
 Cowen J. L. secretary  
 Hooper W. B. chief clerk  
 Arnold Arthur, clerk  
 Buckley J. accountant  
 Taylor F. W. caretaker  
 Merson Geo. quarantine ground  
 Despeisses A. v. & h. expert  
 Crawford Alex. dairy expert  
 Holms R. biologist  
 Morrison A. Dr. botanist  
 Lankoster A. E. inspector  
 Hooper T. inspector

Beatty E. chief inspector Fremantle  
 Ogston Charles, inspector Albany  
 Carroll T. inspector Hamelin  
 Eries A. C. inspector Busselton  
 Burcham W. E. C. inspector Bunbury  
 McCarthy E. inspector Esperance  
 Smith H. inspector Geraldton  
 Berthoud G. F. Ex Plot. Drakes brook

**Agricultural Bank.**  
 Paterson W. manager  
 Stevenson I. D. accountant  
 McLarty A. clerk

**Inspection of Stock.**  
 See Pastoral & Agricultural Directory.

**Agricultural Bank.**  
 See Banking Directory.

**Meteorological Department.**  
 Office—The Observatory, Mount Eliza, Perth.  
 Government Astronomer—W. E. Cooke M.A., F.R.A.S.  
 Assistants—H. M. Joscelyne N.A. H. B. Curlewis N.A. O. S. Yeates & R. B. Ackland  
 Observing Stations, W. A. :—  
 Locality. Lat. S. Long. E.  
 N.W. & N.  
 Coast.  
 Wyndham ... 15° 27' 128° 5'  
 Derby ... 17° 18' 123° 40'  
 Broome ... 17° 57' 122° 15'  
 Condon ... 19° 58' 119° 21'  
 Cossack ... 20° 40' 117° 8'  
 Onslow ... 21° 42' 114° 57'  
 Carnarvon ... 24° 42' 113° 39'  
 Hamelin Pool 26° 22' 114° 12'  
 Geraldton ... 28° 46' 114° 36'

**INLAND.**  
 Hall's Creek 18° 15' 127° 46'  
 Nullagine ... 21° 53' 120° 53'  
 Bangemall ... 24° 13' 116° 34'  
 Peak Hill ... 25° 38' 118° 34'  
 Cue ... 27° 25' 117° 52'  
 Yalgoo ... 28° 23' 116° 43'  
 Laverton ... 28° 5' 120° 12'  
 Laverton ... 28° 50' 122° 12'  
 Mannies ... 29° 41' 121° 2'  
 Kalgoorlie ... 30° 45' 121° 30'  
 Coolgardie... 30° 57' 121° 10'  
 Southern Cross 31° 14' 119° 19'  
 York ... 31° 53' 116° 47'

**S.W. & S.**  
 Coast.  
 Perth Gardens 31° 57' 115° 52'  
 Perth Observatory ... 31° 57' 115° 51'

**INLAND.**  
 Fremantle ... 32° 3' 115° 45'  
 Rottnest ... 31° 59' 115° 33'  
 Bunbury ... 33° 18' 115° 38'  
 Karridale ... 34° 12' 115° 2'  
 C. Leeuwine ... 34° 11' 115° 3'  
 Katanning... 33° 38' 117° 31'  
 Albany ... 35° 2' 117° 54'  
 Breaksea ... 35° 4' 118° 4'  
 Esperance ... 33° 51' 121° 50'  
 Byre ... 32° 14' 126° 23'

**TIME.**  
 Australian standard.  
 On varying dates in the year 1895 the hour-zone system of time was adopted by the Australian Colonies. The following particulars give the time (in relation to Greenwich mean time), which has been fixed upon as standard time in the respective colonies:—  
 Western Australia, mean time of long. 120° E. equivalent to 8 hrs. E. of Greenwich  
 South Australia, mean time of long. 142½° E. equivalent to 9½ hrs. E. of Greenwich  
 New South Wales { Mean time of long. 150°  
 Queensland { E. equivalent to 10  
 Tasmania { hrs. E. of  
 Victoria { Greenwich.

**DEPARTMENT OF MINES.**  
 Hay street east, Perth.  
 Is charged with—  
 Mining, Public Batteries & Steam Boilers Act  
 Minister for Mines—Hon. H. B. Lofroy  
 Under-Secretary for Mines—H. S. King  
 Chief Clerk—L. L. Crockett  
 Statist's Branch.  
 Observing Stations, W. A. :—  
 Clerks—J. D. Crammond & P. J. Atkins  
 Accountant's Branch.  
 Chief Accountant & Collector of Mining Revenue—Geo. Emory  
 Pay Accountant—F. J. Kelly  
 Assistant Accountant—H. O. Farroll  
 Clerk—F. P. Andrews  
 Registration Branch.  
 Inspecting Registrar—E. A. F. Compton  
 Registrar—S. Roberts  
 Clerks—H. W. Jones, M. Gardner, C. B. Hunter & F. R. Sweeting  
 Typist—L. E. Shapcott  
 Correspondence Branch.  
 Chief Correspondence Clerk—R. B. Creagh  
 Minister's Clerk—F. G. Harcourt  
 Record Clerk—W. Philpott  
 Shorthand Clerks & Typists—W. Watson & J. H. Dures  
 Clerks—A. B. D'Arcy, C. M. Sherwood, M. Collett, J. Dixon, O. C. S. Lovelle & T. D. Stockdale  
 Drafting Branch.  
 Chief Draftsman—A. H. Barlee  
 Draftsmen—F. M. Williams, H. Vallentine, A. G. Hossack, S. E. Underwood, F. N. Lock, A. B. Kidson & H. D. C. Higgins  
 Junior Draftsmen—H. N. Dean, F. C. Brown & P. Hawkins  
 Assistants—J. Russell & J. E. Mansfield

**Inspecting Surveyor's Branch.**  
 Assistant Inspecting Surveyor—T. J. Breen  
 Draftsman—E. Joyce

**Ashburton Goldfield.**  
 Warden, A. Phelps (acting)

**Broad Arrow Goldfield.**  
 Warden, L. R. Davis; Mining Registrar, T. H. Hannah

**Coolgardie Goldfield.**  
 Warden, J. M. Finnerty; Field Surveyor, G. W. Ellis; Mining Registrar, H. W. Quodling; Inspector of Mines, Geo. Lightly

**East Coolgardie Goldfield.**  
 Warden, F. A. Hare; Insp. of Mines, F. J. Lauder; Mining Registrar, M. F. Calanchini

**North Coolgardie Goldfield.**  
 Warden, W. L. Owen; Inspector of Mines, J. O. Hudson; Mining Registrars: Monzies, E. Y. Butler; Ningara, H. E. D. Peers; Yerilla, A. S. McIntosh

**North East Coolgardie Goldfield.**  
 Warden, P. Troy; Mining Registrars: Kanowna, G. F. Schloo; Bulong, E. W. Lavin; Inspector of Mines, G. Jenkyn

**Dundas Goldfield.**  
 Warden, A. Hicks; Mining Registrar, Norseman, W. Dawson

**Gascoyne Goldfield.**  
 Warden, Jesso Young (acting)

**Kimberley Goldfield.**  
 Warden, D. W. Green (acting)

**Mount Margaret Goldfield.**  
 Warden, A. E. Burt; Mining Registrars: F. W. Sponco; Mt. Malcolm, W. H. Cocks

**Murchison Goldfield.**  
 Warden, E. P. Dowley; Insp. of Mines, W. F. Greenard; Mining Registrar, J. E. Geary; Insp. Surveyor Central Goldfields, G. S. Anderson; Mining Registrars: Mt. Magnet, T. G. Collic; Nannine, F. S. Oliver

**East Murchison Goldfield.**  
 Warden, A. G. Clifton; Mining Registrar, W. O. Mansbridge

**Peak Hill Goldfield.**  
 Warden, C. U. Bagot; Mining Registrar, T. Y. Lang

**Pilbarra Goldfield.**  
 Warden, A. Ostlund; Mining Registrars: Marble Bar, F. E. Walsh; Bamboo Creek, H. D. Dawson; Nullagine, J. Grimish; Deputy Mining Registrar, Tamboora, P. Sutcliffe

**Pilbarra West Goldfield.**  
 Warden, J. Brockman (acting); Mining Registrar, Roobourne, L. Prince

**Yalgoo Goldfield.**  
 Warden, P. L. Gibbons; Mining Registrar, H. V. Falkiner

**Yilgarn Goldfield.**  
 Warden, V. Black; Mining Registrar, J. M. Bridger

**Collie Coalfield.**  
 Mining Registrar, R. Geo

**Northampton Mining District.**  
 Mining Registrar, G. Varley

**Greenbushes Tinfield.**  
 Mining Registrar, W. A. G. Walter; Assistant Registrar, M. B. d'Almeida

**Public Batteries.**  
 Superintendent, D. A. White; Accountant, J. M. Sheridan

**Steam Boilers Act.**  
 Chief Inspector, C. J. Mathews

**Survey Office.**  
 Geological Clerk—H. C. Horne  
 Government Geologist—A. Gibb  
 Maitland  
 Mineralogist & Assayer—E. S. Simpson  
 Assit. Geologist—T. Blatchford  
 Topographical Surveyor—W. D. Campbell  
 Lithographic Draftsman—R. H. Irwin  
 Clerk—P. F. Polly

**GOVERNMENT ASSAYS.**  
 Assays, analyses & determinations of any Western Australian ore or rock will be made by the Assayer to the Geological Survey, when not unduly interfering with official work, subject to the following conditions:—  
 1. Each sample must weigh not less than 6oz, nor more than 1½ lbs. & the pieces of which it is composed must not be of larger gauge than 3 inches, nor smaller than ¼ in.  
 2. Each sample must be enclosed in a separate canvas bag or strong paper wrapper, with a piece of white paper on which are written the name & postal address of the sender, together with a private mark or number by which it may be readily identified.  
 3. Address the parcel to: The Mineralogist & Assayer, Geological Survey Branch, Perth.  
 (N.B.—The rate of postage for mineral samples is 1d. for every 2oz. & under)