

OFFICIAL DIRECTORY.

Patterson S. (a), forest ranger; £160
 Cox J. N. (a), forest ranger; £160
 White C. A. (a), forest ranger, Coolgardie; £180
 Gregory J. H. (b), forest ranger, S. W. area (3 months); £40
 McFarlane A. nurseryman; £150
 Dennis J. C. S. caretaker Point Walter (3 months); £25
 a Allowance of £76 per annum.
 b Allowance of £18 10s. for 3 months.

Stock.
SALARIES, FIXED.
 Craig J. M. (a), chief inspector of stock; £350
 Malcolm N. clerk & inspector; £225

SALARIES, PROVISIONAL & TEMPORARY.
 Knight W. G. inspector Albany; £50
 Warton M. S. inspector Broome; £12
 Gibbons P. J. (b), inspector Broomehill (3 months); £65
 Nathan H. inspector Coolgardie; £50
 Williams T. C. (b), inspector Esperance (3 months); £65
 McKenzie L. E. inspector Esperance; £50
 Beero F. W. inspector Eucla; £50
 Ranford H. H. inspector Fremantle; £310
 Elliot Ray, inspector Geraldton; £50
 Malcolm N. inspector Perth; £50
 Brockman John, inspector Roobourne; £25
 Stephens Sam (c), inspector Wyndham; £260
 Hancock E. T. (d), inspector Wyndham (special, 4 months); £83 6s. 8d
 Weir R. E. inspector veterinary surgeon Fremantle; £310
 Page H. J. insp. incursion of rabbits (3 months); £62 10s
 Graham J. W. W. insp. incursion of rabbits (3 months); £87 10s
 a Allowance of £200 per annum.
 b Allowance of £12 10s. for 3 months.
 c Allowance of £150 per annum.
 d Allowance of £129 8s. for 4 months.

Department of Agriculture.
BOARD OF ADVICE.
 Harper Charles M.L.A. (chairman)
 Richardson A. R.
 Hon. J. G. H. Amherst J.P.
 Hon. E. McLarty M.L.C.
 Craig F. J.P.
 Gill R. J.P.

SALARIES, PROVISIONAL & TEMPORARY.
 Cowen J. L. secretary; £350
 Hooper W. B. chief clerk; £156
 Buckley I. accountant; £156
 Taylor F. W. caretaker; £75
 Merson Geo. quarantine ground; £100
 Despoisses A. v. & h. expert; £450
 Dugill S. S. agrl. chemist; £350
 Crawford Alex. dairy expert; £300

Lea A. M. entomologist; £250
 Helms R. biologist; £250
 Morrison A. Dr. botanist; £156
 Lankester A. E. inspector; £156
 Hooper T. inspector; £156
 Beatty E. chief inspector Fremantle; £200
 Ogrston Charles, inspector Albany; £156
 Carroll T. inspector Hamelin; £25
 Pries A. C. inspector Busselton; £25
 Burcham W. E. C. inspector Bunbury; £25
 McCarthy E. inspector Esperance; £25
 Smith H. inspector Geraldton; £25
 Berthoud G. F. Ex Plot, Drakesbrook; £126

Agricultural Bank.
SALARIES FOR 1898-9.
 Paterson W. manager; £500
 Stevenson I. D. accountant; £250
 McLarty A. clerk; £120

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.
 Assistants—H. M. Joscelyne N.A.
 H. B. Curlewis N.A. C. S.
 Yeates & R. B. Ackland

Observing Stations, W. A.:
 Locality. Lat. S. Long. E.
 Wyndham ... 15° 27' 128° 5'
 Hall's Creek ... 18° 15' 127° 46'
 Derby ... 17° 18' 123° 40'
 Broome ... 17° 57' 122° 15'
 Condon ... 20° 0' 119° 19'
 Cossack ... 20° 40' 117° 8'
 Onslow ... 21° 43' 114° 57'
 Nullagine ... 21° 53' 120° 53'
 Carnarvon ... 24° 52' 113° 39'
 Carnarvon ... 25° 29' 118° 34'
 Peak Hill ... 26° 22' 114° 12'
 Hamelin Pool ... 28° 46' 144° 35'
 Geraldton ... 28° 23' 116° 43'
 Yalgoo ... 27° 25' 117° 52'
 Cue ... 28° 07' 120° 28'
 Lawlers ... 28° 41' 121° 2'
 Menzies ... 29° 41' 121° 30'
 Kalgoorlie ... 30° 45' 121° 10'
 Coolgardie ... 30° 57' 121° 19'
 Southern Cross ... 31° 14' 119° 19'
 York ... 31° 53' 116° 47'
 Perth Gardens ... 31° 57' 115° 52'
 Perth Observatory ... 31° 57' 115° 51'

South Perth Zoological Gardens
 Fremantle ... 32° 3' 115° 45'
 Bunbury ... 33° 18' 115° 38'
 Karridale ... 34° 12' 115° 2'
 Cape Leeuwin ... 34° 11' 115° 5'
 Katanning ... 35° 40' 115° 35'
 Allany ... 35° 2' 118° 4'
 Brecken Isld. ... 35° 4' 121° 55'
 Esperance Bay ... 33° 50'

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. 135° E. equivalent to 9 hrs. E. of Greenwich
 New South Wales of long. 150° E. equivalent to 10 hrs. E. of Greenwich
 Queensland of long. 150° E. equivalent to 10 hrs. E. of Greenwich
 Tasmania of long. 150° E. equivalent to 10 hrs. E. of Greenwich
 Victoria of long. 150° E. equivalent to 10 hrs. E. of Greenwich.

DEPARTMENT OF MINES.

Hay street east, Perth.

Is charged with:—
 Mining, Public Batteries & Steam Boilers Act.

Minister of Mines—Hon. H. B. Lefroy M.L.A.

Under Secretary for Mines—Fras. Gill

Chief Clerk—L. L. Crockett

Statistician—J. Wallace

Clerk to Justice—A. E. Massey

Correspondence Branch.
 Chief Correspondence Clerk—R. B. Creagh

Record Clerk—W. Philpott

Secretary to Minister—J. Harley

Typist—F. G. Harcourt

Clerks—W. Watson, A. B. D'Arcy, C. M. Sherwood, M. Collett, J. Dixon, O. C. S. Lovell & F. R. Sweeting

Accountant's Branch.
 Accountant, J. F. Roo; Assistant Accountant, H. O'Farrell; Pay Accountant, F. J. Kelly; Clerk, F. P. Andrews & S. Erington

Registration Branch.
 Inspecting Registrar, E. A. F. Compton; Assistant Registrar, S. Roberts; Clerks, H. C. Horne, H. W. Jones, M. Gardiner, C. B. Hunter, W. L. Wilkinson & S. J. Sainsbury; Typist, W. G. Phillips

Drafting Branch.
 Chief Draftsman, A. H. Barlow; Draftsmen, F. M. Williams, H. Valentini, A. G. Hossack, S. E. Underwood, F. N. Lock, A. B. Kison & H. D. C. Higgins; Junior Draftsmen, H. N. Dean, F. C. Brown & P. Hawkins; Chief Lithographer, F. R. Herdman; Lithographic Draftsmen, W. Potts & A. Holland; Assistants, N. Hocking, J. Russell, W. Killup, J. Butcher & J. E. Mansfield

OFFICIAL DIRECTORY.

Ashburton Goldfield.
 Warden, A. Philips (acting)

Broad Arrow Goldfield.
 Warden, L. R. Davis; Mining Registrar, T. H. Hannah; Inspector of Mines, G. Jonkyn

Coolgardie Goldfield.
 Warden, J. M. Finnerty; Insp. Surveyor Eastern Goldfields, H. S. King; Field Surveyor, G. W. Ellis; Asst. Insp. Surveyor, T. J. Breen; Mining Registrar, H. W. Quodling; Insp. of Mines, G. Lightly

East Coolgardie Goldfield.
 Warden, E. A. Haro; Insp. of Mines, F. J. Lander; Mining Registrar, M. F. Calanchini

North Coolgardie Goldfield.
 Warden, W. L. Owen; Inspector of Mines, J. O. Hudson; Mining Registrars, Menzies, E. O. Butler; Niagara, H. E. D. Peers; Yerilla, A. S. McIntosh

North East Coolgardie Goldfield.
 Warden, P. Troy; Mining Registrars: Kanowna, G. F. Schloo; Kurnalpi, J. A. Plowar; Bulong, E. W. Lawn

Dundas Goldfield.
 Warden, A. Hicks; Inspector of Mines, J. G. Rankine; 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. Spence; Mt. Malcolm, W. H. Cocks

Murchison Goldfield.
 Warden, E. P. Dowley; Insp. of Mines, W. F. Greenard; Insp. Surveyor Central Goldfields, G. S. Anderson; Mining Registrars: Day Dawn, C. J. Keoly; Mt. Magnet, T. G. Collicie; 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, A. V. Bowler

Pilbarra Goldfield.
 Warden, A. Ostlund; Insp. of Mines, R. G. Gladstone; Mining Registrar: Marble Bar, J. Grimish; Bamboo Creek, A. Picaud; Nullagine, F. E. Walsh; Deputy Mining Registrar, Tamboora, A. C. Bligh

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

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

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

Gollee Coalfield.
 Mining Registrar, R. Geo

Northampton Mining District.
 Mining Registrar, G. Varley

Greenbushes Tinfield.
 Mining Registrar, —

Public Batteries.
 Superintendent, D. A. White; Accountant, — Sheridan

Steam Bolders Act.
 Chief Inspector, A. D. Smith

Geological Survey Office.
 Government Geologist—A. Gibb

Maitland
 Mineralogist & Assayer—E. S. Simpson

Assist. Geologist—T. Blatchford
 Topographical Surveyor—S. J. Becher

Lithographic Draftsman—R. H. Irwin
 Clerk—P. F. Pelly

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, Department of Mines, Perth.

(N.B.—The rate of postage for mineral samples is 1d. for every 2oz. & under)

4. Send a letter at the same time to the same address, enclosing the fees & stating for what metals the samples are to be assayed, or other instructions, as the case may be

5. Always keep duplicate samples of those sent & mark them in a similar way

6. The scale of fees is as follows: £ s. d.

(a) For the determination of a rock or mineral ... 0 10 6

(b) For assay for lead, iron or manganese, each ... 0 10 6

(c) For assay for silver, copper or tin, each ... 0 12 6

(d) For assay for gold or zinc, each ... 0 15 0

(e) For assay for lead, silver & gold ... 1 5 0

(f) For assay for mercury, antimony, bismuth, chromium, nickel or cobalt, each ... 1 11 6

(g) For analysis & valuation of coal ... 1 11 6

(h) For complete analysis of any mineral ore ... 2 12 6

(i) For other determinations, according to time spent, up to 2 12 6

The Department reserves to itself the right of refusing to make an Assay of any sample sent

With the object of encouraging *bona fide* prospecting, free assays will be made, on conditions which can be ascertained on application at the offices of the Government Geologist

FREE ASSAYS.
 With the object of encouraging *bona fide* prospecting, the Honorable Minister for Mines has authorised free assays to be made by the Geological Survey under the following conditions:—

1. The sample must have been obtained from Crown Lands within the Colony not held under Mineral Lease

2. The exact locality where the sample was found must be furnished

3. The sample must be of sufficient promise in the eyes of the Government Geologist to warrant an assay being made at the Government expense

4. Assays will not be made of samples showing free gold or consisting of unmineralised quartz, which can easily be tested by the prospector himself by crushing & washing in a pan

5. Under no circumstances will free assays be made of tailings or other metallurgical products, or for the purpose of checking the work of private assayers

6. The Geological Survey further reserves to itself the right of refusing to make any particular assay, and also the right of publishing at any time the results of an assay made at the public expense