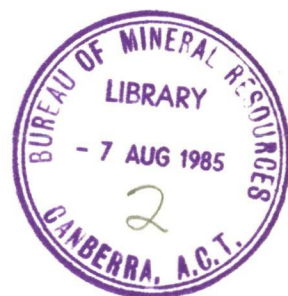




Report 269

**BMR PUBLICATIONS COMPACTUS
(NON-LENDING-SECTION)**

Directory of Government Geoscience Databases in Australia 1984



Compiled by E. P. Shelley

Bureau of Mineral Resources, Geology and Geophysics

BMR
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REP.6

copy 2

Department of Resources & Energy
BUREAU OF MINERAL RESOURCES, GEOLOGY & GEOPHYSICS

REPORT 269

DIRECTORY OF GOVERNMENT GEOSCIENCE DATABASES
IN AUSTRALIA
1984

Compiled by
E.P. Shelley

Australian Government Publishing Service
Canberra, 1985

Department of Resources & Energy

Minister: Senator The Hon. Gareth Evans, QC
Secretary: A.J. Woods, AO

Bureau of Mineral Resources, Geology & Geophysics

Director: R.W.R. Rutland

ABSTRACT

BMR has produced this Directory to facilitate the coordination of database activity in Australia and as a means of disseminating information on the large amount of geoscience data created and/or held by government organisations in Australia. The Directory summarises information on 253 geoscience databases held by 37 government organisations.

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PREFACE

A special meeting of the Government Geologists' Conference was held in Canberra in July 1983 to discuss the need to coordinate the database activities of the Bureau of Mineral Resources and the State Geological Surveys

It was agreed that a prerequisite to effective coordination was information on all the geoscience databases that existed or were under development in all relevant government organisations in Australia. BMR undertook to obtain and compile this information because of its national role in the geoscience database field, and subsequently contacted 65 Australian government organisations that were thought to have some involvement in geoscience. This Directory is the result of this project.

No doubt we have missed some organisations. We invite them to contact us so we can include their databases in future editions of the Directory which we intend to publish at regular intervals. We also invite users of the Directory to let us have their comments and suggestions for improving future editions. Any comments or suggestions should be sent to the Director, Bureau of Mineral Resources, GPO Box 378, Canberra, ACT, 2601.

INTRODUCTION

This Directory is the result of the first comprehensive survey of geoscience databases held by State and Federal government departments and authorities in Australia. Earlier surveys carried out in 1979 (Merriam, 1981) and in 1981 (Jones, 1981; Shelley, 1981) were limited in scope as they were aimed at identifying organisations that operated databases rather than providing details of the databases themselves. These surveys, however, did show that government geoscience organisations were actively developing information storage and retrieval systems both for their own use and to cater for the increasing demand from the public and industry for both reference (bibliographic) and source (non-bibliographic) data. This recent survey demonstrates the results of that past activity and shows that all the responding organisations are continuing to develop new databases and are expanding existing ones.

The Directory provides information on 253 geoscience databases held by 37 organisations. Of those databases, 57 are reference databases and 196 are source databases containing numeric and factual data.

About two-thirds of the databases are either fully or partly computerised, and computerisation is proposed for several others. Over half of the computerised databases utilise special-purpose database management systems in preference to commercial software. Only three of the databases are publicly available on-line. However, information in 60% of the databases is publicly available, in whole or in part, in other ways.

The subject, locality, and acronym indexes in the Directory are cross-referenced to the 4-digit sequence number at the head of each detailed entry.

The format of the Directory was modelled on a list of USGS databases produced in 1983 (USGS, 1983).

The databases are described by the following data items:
Database name. The title of the database or a concise description of its content.

Acronym.

Database type/status. 'Reference' are those previously known as bibliographic; 'source' databases comprise non-bibliographic, numeric, and factual databases. A 'closed' database is one which is still operational but to which data are no longer being added. An 'active' database is operational and new data are added regularly. A database 'under development' is one which has advanced beyond the proposal stage.

Subject coverage.

Geographical coverage.

Time coverage. The time span currently covered by data in the database.

Keywords. Subject and locality descriptors (these have been used to construct the indexes in the back of the Directory).

Database system. If the database is a manual system, the type of data storage and form of indexing are listed. If the database is computerised, the primary computer storage medium is listed together with the database management system used and the computer on which it is operated.

Volume of data in database. E.g. number of references, sample points, or sets of analyses.

Output products. Reports, listings, maps, etc generated from the database as standard products (either regularly or on an *ad-hoc* basis).

Database availability/accessibility. An indication of whether the database is available to the public, and whether it can be purchased.

Documentation. References to database/system descriptions and user instructions.

Comments. Any general comments, or other information.

Contact person. The name, address, and telephone number (including STD code) of the person to whom enquiries should be directed.

Information current to.

Item headings which were not applicable to individual databases, or for which information was not supplied, have been deleted from individual entries.

The information supplied by organisations was edited only to the extent of ensuring that the detailed entries had a generally uniform format and that the item descriptions were not longer than the maximum provided in the Directory's computer database. The subject keywords allocated to each entry were mainly taken from the Australian Thesaurus of Earth Sciences and Related Terms (AMF, 1979).

The compiler gratefully acknowledges the cooperation and support of those organisations which responded to the survey. At BMR, Lyn Porter indexed all the entries and provided helpful suggestions on the format of the Directory. Lorraine Gerdes, Julie Matthews, Melissa McLean, Charles Modrak, Des Tellis, and Dale Thompson reviewed the draft of the report and I am grateful for their comments and suggestions.

References

AMF, 1979 - Australian thesaurus of earth sciences and related terms (2nd edition). *Australian Mineral Foundation, Adelaide.*

- Jones, J., 1981 - Australian geoscience bibliographic data systems: a review. *In* Geoscience numeric and bibliographic data seminar: papers and recommendations. Adelaide, 30 March-1 April 1981. *Australian Mineral Foundation, Adelaide.*
- Merriam, D.F., 1981 - Use of computers by geologists in Australia. *Computers and geosciences*, 7, 323-25.
- Shelley, E.P., 1981 - Non-bibliographic databases in Australia. *In* Geoscience numeric and bibliographic data seminar: papers and recommendations. Adelaide, 30 March-1 April 1981. *Australian Mineral Foundation, Adelaide.*
- USGS, 1983 - Scientific and technical, spatial, and bibliographic data bases and systems of the US Geological Survey, 1983. *Geological Survey Circular* 817.

AUSTRALIAN CAPITAL TERRITORY

Bureau of Mineral Resources

1101

Database name

Shot-point Location Data

Database type/status: Source /Active

Subject coverage

Seismic shot-point location data in areas of BMR research interest

Geographical coverage

Central Australia, Central Eromanga Basin

Keywords

/Geophysical data /Seismic surveys /Shothole

/Eromanga Basin /Central Australia /Amadeus Basin /Ngalia Basin

Database system: Computerised

Computer storage media: Magnetic disk/tape

DBMS: Special purpose

Computer: HP1000E

Volume of data in database

40 000 line km

Output products

Shot-point location maps at any scale

Database availability/accessibility

BMR use only at present

Documentation

Internal user documentation only

Comments

System is being developed to index all shot-point information in areas of research interest in BMR

Contact person

M J Sexton

Bureau of Mineral Resources

GPO Box 378

Canberra ACT 2601

Telephone: (062)805704

Information current to May 1984

1102

Database name

Synthetic Seismograms

Database type/status: Source /Active

Subject coverage

Synthetic seismograms produced from sonic logs in petroleum exploration wells

Geographical coverage

Central Eromanga Basin

Keywords

/Petroleum exploration /Velocity logs /Seismographs /Exploratory wells /Geophysical data

/Eromanga Basin /Central Australia

Database system: Computerised

Computer storage media: Magnetic disk/tape

DBMS: Special purpose
Computer: HP1000E
Volume of data in database
50 synthetic seismograms
Output products
Synthetic seismograms
Database availability/accessibility
BMR use only - results published in reports as required
Documentation
Internal user documentation only
Comments
Synthetic seismograms are being produced for wells in
areas of research interest only as required
Contact person
M J Sexton
Bureau of Mineral Resources
GPO Box 378
Canberra ACT 2601
Telephone: (062)805704
Information current to May 1984

1103
Database name
Seismic Records and Analogue and Digital Tapes
Database type/status: Source /Active
Subject coverage
Seismic records and tapes from all BMR surveys
Geographical coverage
Australia
Time coverage
1948 to present
Keywords
/BMR Seismic surveys /Seismographs /Analogue processing /Digi-
tal processing /Geophysical data
/Australia
Database system: Manual
Type of manual system: Register
Cross-indexed to records and tapes
Output products
Seismic cross-sections
Database availability/accessibility
Copies of tapes available on request
Comments
Survey records and tapes transferred to Australian Archives
after cross-sections prepared and reports issued
Contact person
F J Moss
Bureau of Mineral Resources
GPO Box 378
Canberra ACT 2601
Telephone: (062)805704
Information current to May 1984

1104
Database name
Rock Property Database for the Lachlan Fold Belt, NSW

Acronym

LFB

Database type/status: Source /Closed

Subject coverage

Locality geology, spot measurements of magnetic susceptibility and gamma radiation, thin section descriptions

Geographical coverage

Eastern NSW

Time coverage

1979-83

Keywords

/Rock properties /Magnetic properties /Gamma spectra /Petrology /Geochemistry
/Lachlan Fold Belt

Database system: Computerised

Computer storage media: Magnetic disk

DBMS: HP Image/1000

Computer: HP1000

Volume of data in database

2.5 Mbytes

Output products

Reports as required based on location and sample number

Database availability/accessibility

On application

Documentation

BMR Report 244

Comments

Contains considerable free-form descriptions relevant to each locality. Also contains sample geochemistry.

Contact person

A Luyendyk

Bureau of Mineral Resources

GPO Box 378

Canberra ACT 2601

Telephone: (062)499218

Information current to May 1984

1105

Database name

Daily Metal Prices

Acronym

METPRI

Database type/status: Source /Active

Subject coverage

Australian, USA and European prices for silver, aluminium, gold, copper, nickel, lead, tin and zinc

Time coverage

From 1973-1983 to present

Keywords

/Metal prices /Lead /Zinc /Copper /Tin /Nickel /Aluminium
/Silver /Gold /Prices
/Australia /USA /Europe /Malaysia

Database system: Computerised

Computer storage media: Magnetic disc

DBMS: Sharp APL system

Computer: IBM 3081K (IP Sharp, Canada)

Volume of data in database

200 time series

Database availability/accessibility

Accessible through IP Sharp via dial-up with written permission from BMR

Documentation

METPRI Users Guide in preparation

Contact person

B Elliott/R Lorenz
Bureau of Mineral Resources
GPO Box 378
Canberra ACT 2601
Telephone: (062)499111

Information current to May 1984

1106

Database name

Imports and Exports

Acronym

Database type/status: Source /Under development

Subject coverage

Australian imports and exports of minerals and metals

Geographical coverage**Time coverage**

July 1981 to March 1984 on monthly basis (updated 3 monthly)

Keywords

/Mineral statistics /Imports /Exports
/Australia

Database system: Computerised

Type of manual system:

Computer storage media: Magnetic tape

DBMS: Special purpose

Computer: HP 1000

Volume of data in database

Imports - 7-8 Mbyte/yr; Exports 5-6 Mbyte/year

Output products

Import and export reports - commodity by country on quarterly, calendar year and fiscal year basis. Reports give both quantity and value, and give totals by State

Database availability/accessibility

BMR use only

Comments

To be expanded to produce customised tables for Australian Mineral Industry Annual Review

Contact person

Statistical Officer (Mining)
Bureau of Mineral Resources
GPO Box 378
Canberra ACT 2601
Telephone: (062)499111

Information current to May 1984

1107

Database name

Mineral Deposits Database

Acronym

MNDEP

Database type/status: Source /Under development

Subject coverage

Identification, location, geology, commodities, production, resources, and bibliographic references of mineral deposits

Geographical coverage

Australia

Time coverage

Production and reserve information from 1981 to present

Keywords

/Metalliferous deposits /Non metalliferous deposits /Economic geology /Ore reserves /Production /Mineral resources /Mineral exploration /Mineral deposits /Australia

Database system: Computerised

Computer storage media: Magnetic disk

DBMS: HP IMAGE/1000

Computer: HP 1000

Volume of data in database

44 deposits

Database availability/accessibility

Not yet available

Documentation

Draft guide for completing data entry forms

Contact person

B Elliott/R Lorenz

Bureau of Mineral Resources

GPO Box 378

Canberra ACT 2601

Telephone: (062)499111

Information current to May 1984

1108

Database name

Petroleum Exploration Data Index

Acronym

PEDIN

Database type/status: Source /Under development

Subject coverage

Petroleum exploration and development data - drilling and geophysical surveys

Geographical coverage

Australia and PNG

Time coverage

1900 to present

Keywords

/Petroleum exploration /Geophysical surveys /Drilling /Exploratory wells /Development wells /Stratigraphic wells /Well logs /Oil fields /Stratigraphy /Lithology /Exploration costs /Sedimentary basins /Australia /Australia (offshore) /Papua New Guinea /Papua New Guinea (offshore)

Database system: Computerised

Computer storage media: Magnetic disk

DBMS: HP IMAGE/1000

Computer: HP 1000

Volume of data in database

Est. 35 Mbyte when complete

Output products

Flexible, depending on application

Database availability/accessibility

Not yet available

Comments

Available late 1984 - parts will be confidential

Contact person

A Mond

Bureau of Mineral Resources

GPO Box 378

Canberra ACT 2601

Telephone: (062)499295

Information current to May 1984

1109

Database name

Australian Petroleum Accumulations

Database type/status: Source /Active

Subject coverage

Data on Australian petroleum accumulations

Geographical coverage

Australia

Keywords

/Oil fields /Petroleum reservoirs /Reservoir characteristics
/Reservoir pressure /Reservoir temperature /Reservoir
performance /Reservoir fluids /Stratigraphy /Lithology /Sedi-
mentary basins
/Australia

Database system: Computerised

Computer storage media: Magnetic tape

DBMS: Special purpose

Computer: HP2000

Output products

Listings

Database availability/accessibility

Organisational use only

Comments

Some of the stored data is confidential

Contact person

S Ozimic

Bureau of Mineral Resources

GPO Box 378

Canberra ACT 2601

Telephone: (062)499259

Information current to January 1984

1110

Database name

Wells Drilled for Petroleum in Australia

Acronym

AUSTCO

Database type/status: Source /Active

Subject coverage

Data on petroleum exploration and development wells: name,

location, dates, company, depth, identified resources

Geographical coverage
Australia - onshore and offshore

Time coverage
1905 to present

Keywords
/Petroleum exploration /Drilling /Exploratory wells /Development wells /Stratigraphic wells /Discovery wells /Non productive wells /Oil fields /Petroleum reserves /Sedimentary basins
/Australia /Australia (offshore)

Database system: Computerised
Computer storage media: Magnetic disk
DBMS: Special purpose
Computer: HP1000

Volume of data in database
3200 wells

Output products
Plots and tables of annual totals of: resources identified in new-field discoveries, new-field wildcats drilled, kilometres drilled

Database availability/accessibility
Available to public (see * below). Oil and gas reserve figures confidential and not available

Documentation
* BMR Record 1984/13
BMR Record 1984/5 (user manual)

Contact person
D J Forman
Bureau of Mineral Resources
GPO Box 378
Canberra ACT 2601
Telephone: (062)499619

Information current to May 1984

1111

Database name
Wells Drilled for Petroleum, Central Deep, Gippsland Basin

Acronym
GIPPCO

Database type/status: Source /Active

Subject coverage
Data for new-field wildcat wells in the central deep of the Gippsland Basin: well name, location, dates, depth, company, etc

Geographical coverage
Gippsland Basin Central Deep, offshore Victoria

Time coverage
1965 to present

Keywords
/Petroleum exploration /Offshore drilling /Wildcat wells /Discovery wells /Non productive wells /Oil fields /Stratigraphic horizon /Traps (petroleum) /Structural closure /Petroleum reserves
/Gippsland Basin (offshore)

Database system: Computerised
Computer storage media: Magnetic disk

DBMS: Special purpose
 Computer: HP1000
Volume of data in database
 69 wells
Output products
 Plots and tables of annual totals of: identified resources,
 kilometres drilled. Wells may be extracted from within a
 digitised boundary and locations plotted on a map
Database availability/accessibility
 Not available
Comments
 This database is an extension of the AUSTCO database
Contact person
 D J Forman
 Bureau of Mineral Resources
 GPO Box 378
 Canberra ACT 2601
 Telephone: (062)499619
Information current to May 1984

1112
Database name
 Digitised Prospect Boundaries for the Gippsland Basin
Acronym
 GIPPBO
Database type/status: Source /Active
Subject coverage
 Digitised trap closure boundaries for petroleum prospects in
 the Gippsland Basin
Geographical coverage
 Gippsland Basin Central Deep, offshore Victoria
Time coverage
 1965 to present
Keywords
 /Petroleum exploration /Stratigraphic horizon /Structural
 closure (digitised) /Traps (petroleum) /Boundary (digitised)
 /Gippsland Basin (offshore)
Database system: Computerised
 Computer storage media: Magnetic disk
 DBMS: Special purpose
 Computer: HP1000
Volume of data in database
 65 digitised prospects - 1800 records
Output products
 Maps showing digitised boundaries and areas of boundaries
Database availability/accessibility
 Not available - confidential
Comments
 This database is an extension of the AUSTCO database
Contact person
 D J Forman
 Bureau of Mineral Resources
 GPO Box 378
 Canberra ACT 2601
 Telephone: (062)499619
Information current to May 1984

1113

Database name

Australian Petroleum Reserves Database

Acronym

RESER

Database type/status: Source /Active

Subject coverage

Basin and field statistics for petroleum reserves

Geographical coverage

Australia

Time coverage

Keywords

/Petroleum resources /Petroleum reserves /Oil fields /Sedimentary basins
/Australia

Database system: Computerised

Computer storage media: Magnetic tape

DBMS: Special purpose

Computer: HP1000

Output products

Compiled for publication in 'The Petroleum Newsletter'

Database availability/accessibility

Not accessible to public

Contact person

K Stillwell

Bureau of Mineral Resources

GPO Box 378

Canberra ACT 2601

Telephone: (062)499754

Information current to May 1984

1114

Database name

Petroleum Source Rock Database

Acronym

WLDAT

Database type/status: Source /Active

Subject coverage

Organic geochemistry data on petroleum source rocks

Geographical coverage

Australia, Papua New Guinea

Time coverage

1974 to present

Keywords

/Petroleum /Source beds /Hydrocarbons
/Australia /Papua New Guinea

Database system: Computerised

Computer storage media: Magnetic disk

DBMS: IMAGE/1000

Computer: HP1000

Volume of data in database

12500 data items

Output products

Open file data to May 1982 published as BMR Report 240

Database availability/accessibility

Organisational use only

Documentation

BMR Records 1980/4, 1981/58, 1983/22

Contact person

A Felton

Bureau of Mineral Resources

GPO Box 378

Canberra ACT 2601

Telephone: (062)499505

Information current to May 1984

1115

Database name

Oceanographic Cruises Index

Database type/status: Source /Active

Subject coverage

All relevant cruises in the Australian region

Geographical coverage

Australian offshore region

Keywords

/Oceanographic cruises

/Australia (offshore)

Database system: Manual

Type of manual system: Card index

Volume of data in database

100+ entries

Output products

Reports, maps

Comments

Requires updating

Contact person

A Parisi

Bureau of Mineral Resources

GPO Box 378

Canberra ACT 2601

Telephone: (062)499253

Information current to May 1984

1116

Database name

Digital Seismic Field Tapes

Database type/status: Source /Active

Subject coverage

Digital field tapes from marine seismic surveys

Geographical coverage

Southern Ocean surveys (1979-82), Great Barrier Reef surveys (1980-83), Bass Strait survey (1982)

Keywords

/Geophysical data /Marine seismic surveys /Computer hardware

/Digital processing

/Bass Strait /Great Barrier Reef /Southern Ocean

Database system: Computerised

Computer storage media: Magnetic tapes

DBMS: Special purpose

Computer: HP1000

Volume of data in database

2000 tapes

Output products

Seismic sections

Contact person

A Parisi

Bureau of Mineral Resources

GPO Box 378

Canberra ACT 2601

Telephone: (062)499253

Information current to May 1984

1117

Database name

Seismic Sections

Database type/status: Source /Active

Subject coverage

Intermediate and final processed seismic sections from data collected on BMR marine geophysical surveys

Geographical coverage

Australian continental margins survey (1970-73)

Time coverage

Keywords

/Geophysical data /Seismic sections /Marine seismic surveys

/Continental margin

/Australia (offshore)

Database system: Computerised

Computer storage media: Magnetic tapes

DBMS: Special purpose

Computer: HP1000

Volume of data in database

1200 sections

Output products

Reports

Database availability/accessibility

Some sections available as paper prints from Government

Printer Copy Service, Canberra

Contact person

A Parisi

Bureau of Mineral Resources

GPO Box 378

Canberra ACT 2601

Telephone: (062)499253

Information current to May 1984

1118

Database name

Processed Digital Seismic Tapes

Acronym

Database type/status: Source /Active

Subject coverage

Processed digital seismic tapes

Geographical coverage

Great Barrier Reef area

Time coverage

Keywords

/Geophysical data /Marine seismic surveys /Computer hardware

/Digital processing
/Great Barrier Reef
Database system: Computerised
Computer storage media: Magnetic tapes
DBMS: Special purpose
Computer: HP1000
Volume of data in database
100+ tapes
Output products
Processed seismic sections
Documentation
BMR Record 1981/7 (Seismic processing system description)
Contact person
A Warnes
Bureau of Mineral Resources
GPO Box 378
Canberra ACT 2601
Telephone: (062)499443
Information current to May 1984

1119

Database name
Seismic Program Libraries
Acronym
SPOCK
Database type/status: Source /Active
Subject coverage
Marine geophysics seismic processing system
Keywords
/Geophysical data /Marine seismic surveys /Computer software
/Data processing
Database system: Computerised
Computer storage media: Magnetic disk
DBMS: Special purpose
Computer: HP1000
Volume of data in database
5 Mbyte
Output products
Processed seismic sections
Database availability/accessibility
Programs not available until published
Documentation
BMR Record 1981/7 (Seismic processing system description)
Contact person
F Brassil
Bureau of Mineral Resources
GPO Box 378
Canberra ACT 2601
Telephone: (062)499273
Information current to May 1984

1120

Database name
Marine Geophysical Data
Database type/status: Source /Active

Subject coverage

Magnetic, gravity, seismic, positional, and bathymetric data

Geographical coverage

All BMR marine geophysical surveys plus some data obtained from other institutes

Time coverage

1965 to present

Keywords

/Marine geophysics /Geophysical surveys /Marine seismic surveys /Submarine gravity surveys /Magnetic surveys /Bathymetry /Navigation /Geophysical data /Australia (offshore)

Database system: Computerised

Computer storage media: Magnetic tape/disk

DBMS: Special purpose

Computer: HP1000

Database availability/accessibility

A small amount of the data is restricted - most of it is available

Contact person

A Parisi

Bureau of Mineral Resources

GPO Box 378

Canberra ACT 2601

Telephone: (062)499253

Information current to May 1984

1121

Database name

Analogue Seismic Field Tapes

Database type/status: Source /Active**Subject coverage**

Analogue marine seismic data

Geographical coverage

Australian continental margin

Time coverage

1970-73

Keywords

/Geophysical data /Marine seismic surveys /Computer hardware

/Analogue processing /Continental margin

/Australia (offshore)

Database system: Computerised

Computer storage media: Magnetic tapes

DBMS: Special purpose

Computer: HP1000

Volume of data in database

2000 tapes

Comments

Still in use but no new material has been added for some time

Contact person

A Parisi

Bureau of Mineral Resources

GPO Box 378

Canberra ACT 2601

Telephone: (062)499253

Information current to May 1984

1122

Database name

Geophysical Maps

Database type/status: Source /Active

Subject coverage

All BMR marine geophysical work plus compilations of other organisations' work

Geographical coverage

Australian continental margin and Southern Ocean

Keywords

/Geophysical maps /Marine geophysics /Continental margin
/Australia (offshore) /Southern Ocean

Database system: Manual

Type of manual system: Maps

Output products

Reports

Database availability/accessibility

Much of the material is available from the Australian
Government Printer Copy Service, Canberra

Contact person

T Hegvold
Bureau of Mineral Resources
GPO Box 378
Canberra ACT 2601
Telephone: (062)499253

Information current to May 1984

1123

Database name

Marine Survey Data Files

Database type/status: Source /Active

Subject coverage

BMR marine geophysical data, and oceanographic data from
foreign institutions

Geographical coverage

Northwest Shelf, Timor Sea, Bonaparte Gulf, Continental
margins, Great Barrier Reef, Bass Strait, Southern Ocean

Time coverage

1965 to present

Keywords

/Marine surveys /Magnetic surveys /Marine seismic surveys
/Bathymetry /Geophysical surveys
/Australia (offshore) /Northwest Shelf /Timor Sea /Bonaparte
Gulf /Great Barrier Reef /Bass Strait /Southern Ocean

Database system: Computerised

Computer storage media: Magnetic tapes
DBMS: Special purpose
Computer: HP1000

Volume of data in database

200 tapes

Output products

Maps and reports

Database availability/accessibility

Data available except 1965-68 BMR data and foreign data

Contact person

A Parisi
Bureau of Mineral Resources
GPO Box 378
Canberra ACT 2601
Telephone: (062)499253

Information current to May 1984

1124

Database name

Oceanographic Maps

Database type/status: Source /Active

Subject coverage

All relevant oceanographic maps in the Australian region

Geographical coverage

Australian continental margin and Southern Ocean

Keywords

/Maps /Oceanography /Continental margin
/Australia (offshore) /Southern Ocean

Database system: Manual

Type of manual system: Maps
Indexed on cards

Volume of data in database

50+ maps

Contact person

T Hegvold
Bureau of Mineral Resources
GPO Box 378
Canberra ACT 2601
Telephone: (062)499253

Information current to May 1984

1125

Database name

National Database of Stratigraphic Names

Acronym

GEODX

Database type/status: Reference /Active

Subject coverage

References on Australian geology (whether or not they
contain stratigraphic names)

Geographical coverage

Australia

Time coverage

1949 to present

Keywords

/Geology /Stratigraphic nomenclature /Stratigraphy
/Australia

Database system: Computerised/Manual

Type of manual system: Card index (to 1978)
Indexed by subject, author, basin, 1:250 000 area, and
stratigraphic name
Computer storage media: Magnetic disk
DBMS: HP IMAGE 1000
Computer: HP1000

Volume of data in database

8000 references (18 000 stratigraphic names)

Output products

Bimonthly variations list, annual deletions list, current awareness list for BMR staff, SDI list for State Surveys

Database availability/accessibility

Organisational use only

Documentation

BMR Journal of Australian Geology & Geophysics 1(3),247-8;

BMR Record 1981/56

Comments

References from 1968 to 1978 are being added to computerised database as time and finance permit

Contact person

K Modrak

Bureau of Mineral Resources

GPO Box 378

Canberra ACT 2601

Telephone: (062)499775

Information current to May 1984

1126

Database name

BMR Publications and Records Index

Database type/status: Reference /Active

Subject coverage

References to all BMR publications and Records (mainly open file)

Geographical coverage

Mostly Australia and Papua New Guinea

Time coverage

1979 to present - older material being added as time permits

Keywords

/Indexes (documentation) /Earth sciences information /Reports

/Mineral resources /Petroleum resources /Stratigraphy

/Palaeontology /Geophysics /Geology /Geochemistry

/Australia /Papua New Guinea /Antarctica

Database system: Computerised

Computer storage media: Magnetic disk

DBMS: HP IMAGE 1000

Computer: HP1000

Volume of data in database

1100 documents indexed; author/title data for 5800 documents

Database availability/accessibility

Organisational use only

Contact person

E P Shelley

Bureau of Mineral Resources

GPO Box 378

Canberra ACT 2601

Telephone: (062)499469

Information current to May 1984

1127

Database name

Geochemical Group Files

Database type/status: Source /Active

Subject coverage

Soil and stream-sediment geochemical data

Geographical coverage

Georgetown(Q), Seigal(NT), Hedleys Creek(Q), Mammoth Mines (Q), Araluen (NSW), Tennant Creek(NT)

Time coverage

1974-80

Keywords

/Geochemistry /Soil sampling /Stream sediment sampling /Rock chip sampling /Ironstone
/Georgetown /Seigal /Hedleys Creek /Mammoth Mines /Araluen /Tennant Creek

Database system: Computerised

Computer storage media: Magnetic disk

DBMS: Special purpose

Computer: CDC Cyber 76

Volume of data in database

Approx. 11 000 samples

Output products

Maps and reports

Database availability/accessibility

Data available in published form - magnetic tapes also available

Contact person

B Cruikshank

Bureau of Mineral Resources

GPO Box 378

Canberra ACT 2601

Telephone: (062)499597

Information current to May 1984

1128

Database name

Volcano Bibliography

Acronym

VLBIB

Database type/status: Reference /Active**Subject coverage**

Pre-1945 Papua New Guinea volcanism; east Australia volcanism; current worldwide physical volcanology research

Geographical coverage

Papua New Guinea, Australia, and worldwide

Keywords

/Bibliographies /Volcanoes /Volcanology /Research /Cainozoic
/Volcanic rocks
/Papua New Guinea /Eastern Australia /World

Database system: Computerised

Computer storage media: Magnetic disk

DBMS: HP IMAGE 1000

Computer: HP1000

Volume of data in database

3000 references

Output products

Listings

Database availability/accessibility

Organisational use only

Comments

Database provides references for BMR volcanological research

Contact person

W D Palfreyman
Bureau of Mineral Resources
GPO Box 378
Canberra ACT 2601
Telephone: (062)499375

Information current to April 1984

1129

Database name

International Database for Igneous Petrology

Acronym

IGBA

Database type/status: Source /Under development

Subject coverage

Whole-rock chemical analyses, age dating, petrographic data,
and location of sample

Geographical coverage

Eastern Australia and New Zealand

Keywords

/Igneous petrology /Cainozoic /Chemical analysis /Radiometric
dating /Volcanic rocks
/Eastern Australia /New Zealand

Database system: Computerised

Computer storage media: Magnetic disk
DBMS: HP IMAGE 1000
Computer: HP1000

Volume of data in database

Potentially in excess of 5000

Output products

Listings

Database availability/accessibility

Planned to be available on application

Comments

Will be updated regularly

Contact person

J Knutson
Bureau of Mineral Resources
GPO Box 378
Canberra ACT 2601
Telephone: (062)499479

Information current to May 1984

1130

Database name

Bibliography of Mount Isa Region Geology

Acronym

BMIRG

Database type/status: Reference /Active

Subject coverage

All geoscience references known for the Mt Isa region

Geographical coverage

Mount Isa Inlier, Queensland

Keywords

/Bibliographies /Earth sciences information

/Mount Isa
Database system: Computerised
Computer storage media: Floppy disk
DBMS: Word processing system
Computer: HP9825A
Volume of data in database
800 references
Output products
Selected listings
Database availability/accessibility
Bibliography to be published as a BMR Record
Contact person
L Wyborn
Bureau of Mineral Resources
GPO Box 378
Canberra ACT 2601
Telephone: (062)499489
Information current to May 1984

1131
Database name
Palaeomagnetic Measurements
Acronym
PALMAG/PALARC
Database type/status: Source /Active
Subject coverage
Palaeomagnetic data from current and previous studies
Geographical coverage
Australia, Antarctica, Irian Jaya, Papua New Guinea
Time coverage
1978 to present
Keywords
/Palaeomagnetism /Geomagnetism /Geophysics
/Australia /Antarctica /Irian Jaya /Papua New Guinea
Database system: Computerised
Computer storage media: Magnetic disk
DBMS: Special purpose
Computer: HP1000
Volume of data in database
20 Mbyte
Output products
Analysed results as listings or graphic output
Database availability/accessibility
Organisational use only
Documentation
In preparation
Comments
Software development in final stage; provision for future
inclusion of palaeomagnetic literature references
Contact person
J Giddings
Bureau of Mineral Resources
GPO Box 378
Canberra ACT 2601
Telephone: (062)499325
Information current to May 1984

1132

Database name

Magnetic Mean Hourly Values

Acronym

MHV

Database type/status: Source /Active

Subject coverage

Mean hourly values from Australian and Antarctic observatories; PNG data from PNG Geological Survey

Geographical coverage

Australia, Antarctica, Papua New Guinea

Time coverage

1919 to present

Keywords

/Geomagnetism /Geophysics

/Australia /Antarctica /Papua New Guinea

Database system: Computerised

Computer storage media: Magnetic disk

DBMS: Special purpose

Computer: HP1000 and CDC Cyber 76

Volume of data in database

Several thousand observatory months of data

Output products

Listings or magnetic tape

Database availability/accessibility

Current data readily available; older data available with some difficulty

Comments

Software development not completed; it is planned to consolidate data which is held on different systems

Contact person

Manager - Geomagnetism

Bureau of Mineral Resources

GPO Box 378

Canberra ACT 2601

Telephone: (062)499320

Information current to May 1984

1133

Database name

Regional Magnetic Data

Acronym

RG MAG

Database type/status: Source /Active

Subject coverage

First order magnetic survey observations

Geographical coverage

Australia and Papua New Guinea

Time coverage

1908 to present

Keywords

/Geomagnetism /Magnetic surveys /Geophysics

/Australia /Papua New Guinea

Database system: Computerised

Computer storage media: Magnetic disk
DBMS: Special purpose
Computer: HP1000
Volume of data in database
1000 observations
Output products
Listings, plots
Database availability/accessibility
Organisational use only
Documentation
Basic user guide available
Comments
Data is only on current set of first order stations and
their history
Contact person
Manager - Geomagnetism
Bureau of Mineral Resources
GPO Box 378
Canberra ACT 2601
Telephone: (062)499359
Information current to May 1984

1134

Database name
Australian National Gravity Database
Acronym
ANGDB
Database type/status: Source /Active
Subject coverage
Principal facts from gravity surveys
Geographical coverage
Australasia and Antartica
Time coverage
1937 to present
Keywords
/Gravity surveys /Gravity values /Geophysical data
/Australia /Antarctica
Database system: Computerised/Manual
Type of manual system: Field notebooks, maps, calculation
sheets
Indexed by year, survey number, and area
Computer storage media: Magnetic disk/tape
DBMS: Special purpose
Computer: CDC Cyber 76 and 835
Volume of data in database
500 000 stations (computer), 750 000 stations (manual)
Output products
Listings, plots, magnetic tapes, reports
Database availability/accessibility
Whole or parts of database available for sale
Documentation
BMR Record 1974/68 (database computer system)
Comments
Ultimately all gravity data in Australasia should be input
to database - contributions from other organisations welcome

Contact person

A S Murray
Bureau of Mineral Resources
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Canberra ACT 2601
Telephone: (062)499635

Information current to May 1984

1135

Database name

Digital Terrain Model

Acronym

DTM

Database type/status: Source /Active

Subject coverage

Gridded elevation data at 6 minute intervals E-W and N-S

Geographical coverage

Australia and continental shelf

Time coverage

Computed in September 1983

Keywords

/Digital simulation /Continental shelf /Terrain models
/Australia /Australia (offshore)

Database system: Computerised

Computer storage media: Magnetic tape

DBMS: Special purpose

Computer: CDC Cyber 76 and 835

Volume of data in database

200 000 gridded elevations

Output products

Magnetic tape, graphics image, contour maps

Database availability/accessibility

Whole or parts of database available for sale

Documentation

Basic description of data set available on request

Comments

Data set was generated from the ANGDB by gridding onto a square 6 minute grid of 395 x 500 points

Contact person

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Telephone: (062)499635

Information current to May 1984

1136

Database name

Earthquake Data File

Acronym

EDF

Database type/status: Source /Active

Subject coverage

Information on earthquakes in the Australian region

Geographical coverage

75 to 165 degrees East, 0 to 90 degrees South

Time coverage

1873 to present

Keywords

/Earthquakes /Seismology

/Australia /Papua New Guinea /New Zealand

Database system: Computerised

Computer storage media: Magnetic disk

Computer: CDC Cyber 76

Volume of data in database

30 000 earthquakes

Output products

Plots and listings

Database availability/accessibility

Available to selected outside users

Contact person

P McGregor

Bureau of Mineral Resources

GPO Box 378

Canberra ACT 2601

Telephone: (062)499111

Information current to May 1984

1137

Database name

Digital Airborne Geophysical Data

Acronym

ARGUS/DIGITAL

Database type/status: Source /Active**Subject coverage**

Regional measurements of magnetic field anomalies and land surface emission of gamma rays in range 0.3-3.0 MeV

Geographical coverage

Australia-wide but coverage not yet complete

Time coverage

1951 to present

Keywords

/Geophysical data /Digital processing /Aerial magnetic surveys

/Aerial radioactivity surveys /Gamma spectroscopy

/Australia

Database system: Computerised

Computer storage media: Magnetic tape

DBMS: Special purpose

Computer: CDC Cyber 76 and 170/835

Volume of data in database

Coverage of 190 1:250 000 map areas (on 150 9-track tapes)

Output products

Stacked profile and contour maps usually at 1:250 000 scale; digital data archived on magnetic tapes

Database availability/accessibility

Available for interrogation by public. Digital data and maps available for purchase

Documentation

Description of data format and key diagrams showing coverage are available

Comments

Together with analogue coverage (see 1138) database should have complete Australian coverage by 1990

Contact person

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Bureau of Mineral Resources
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Canberra ACT 2601
Telephone: (062)499306

Information current to May 1984

1138

Database name

Analogue Airborne Geophysical Data

Acronym

ARGUS/ANALOGUE

Database type/status: Source /Closed

Subject coverage

Regional measurements of total magnetic field and land surface emission of gamma rays in range 0.5-3.0 MeV

Geographical coverage

Australia-wide but coverage not complete

Time coverage

1951 to 1973

Keywords

/Geophysical data /Analogue processing /Aerial magnetic surveys /Aerial radioactivity surveys /Gamma spectroscopy /Australia

Database system: Manual

Type of manual system: Continuous trace on paper strip charts
Manual index based on 1:250 000 map sheet area

Volume of data in database

Coverage of 160 1:250 000 map areas (70 000 m of chart)

Output products

Stacked profile and contour maps usually at 1:250 000 scale

Database availability/accessibility

Available for interrogation by public on written request;
available on restricted loan for reprocessing

Comments

Some data converted to digital format; some data on microfilm

Contact person

I Hone
Bureau of Mineral Resources
GPO Box 378
Canberra ACT 2601
Telephone: (062)499306

Information current to May 1984

1139

Database name

Australian Whole-rock Igneous Geochemistry

Database type/status: Source /Active

Subject coverage

Major and trace element whole-rock geochemistry

Geographical coverage

Most parts of Australia where BMR is currently working

Time coverage

Mostly from 1970 to present

Keywords

/Rock geochemistry /Igneous rocks /Trace element
/Australia

Database system: Computerised

Computer storage media: Floppy disk

DBMS: Special purpose

Computer: HP9825B

Volume of data in database

3800 samples (14 major elements and 30 trace elements)

Output products

Listings and graphical output

Database availability/accessibility

Most analyses are available (some company data are confidential)

Documentation

In preparation

Comments

A further 1700 samples will be added during 1984

Contact person

M Owen

Bureau of Mineral Resources

GPO Box 378

Canberra ACT 2601

Telephone: (062)499407

Information current to May 1984

1140

Database name

Antarctic Whole-rock Geochemistry

Database type/status: Source /Closed**Subject coverage**

Major and trace element whole-rock geochemistry

Geographical coverage

Antarctica (Enderby Land, Robertson Land, Northern Victoria Land, Princess Elizabeth Land)

Keywords

/Rock geochemistry /Trace element

/Antarctica /Princess Elizabeth Land /North Victoria Land

/Robertson Land /Enderby Land

Database system: Computerised

Computer storage media: Floppy disk

DBMS: Special purpose

Computer: HP9825A

Volume of data in database

880 samples

Output products

Listings and graphical output

Database availability/accessibility

All analyses are available

Documentation

In preparation

Contact person

M Owen

Bureau of Mineral Resources

GPO Box 378

Canberra ACT 2601

Telephone: (062)499407
Information current to May 1984

1141

Database name

Papua New Guinea Whole-rock Geochemistry

Database type/status: Source /Closed

Subject coverage

Major and trace element whole-rock geochemistry

Geographical coverage

Papua New Guinea

Keywords

/Rock geochemistry /Trace analysis

/Papua New Guinea

Database system: Computerised

Computer storage media: Floppy disk

DBMS: Special purpose

Computer: HP9825B

Volume of data in database

280 samples

Output products

Listings and graphical output

Database availability/accessibility

All analyses are available

Documentation

In preparation

Comments

Data forms part of the main geochemistry database used by
Continental Geology and Petrology & Geochemistry Divisions

Contact person

M Owen

Bureau of Mineral Resources

GPO Box 378

Canberra ACT 2601

Telephone: (062)499407

Information current to May 1984

1142

Database name

Proterozoic Sediments Geochemistry

Database type/status: Source /Active

Subject coverage

Geochemistry of Proterozoic sediments

Geographical coverage

McArthur Basin, Northern Territory

Keywords

/Rock geochemistry /Proterozoic /Trace analysis

/McArthur Basin

Database system: Computerised

Computer storage media: Floppy disk

DBMS: Special purpose

Computer: HP9825B

Volume of data in database

500 samples

Output products

Listings and graphical output

Database availability/accessibility

All analyses are available

Documentation

In preparation

Contact person

M Owen

Bureau of Mineral Resources

GPO Box 378

Canberra ACT 2601

Telephone: (062)499407

Information current to May 1984

1143

Database name

Water Chemistry

Database type/status: Source /Active

Subject coverage

Water chemistry of groundwater and surface samples

Geographical coverage

Australian Capital Territory, and Hunter Valley, NSW

Time coverage

1980 to present

Keywords

/Water chemistry /Surface waters /Ground water /Water analysis
/Hunter Valley /ACT

Database system: Computerised

Computer storage media: Floppy disk

DBMS: Special purpose

Computer: HP9825B

Volume of data in database

1170 samples

Output products

Listings and graphical output

Database availability/accessibility

All analyses are available

Contact person

R Evans

Bureau of Mineral Resources

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Canberra ACT 2601

Telephone: (062)499452

Information current to May 1984

1144

Database name

Proterozoic Igneous Geochemistry

Database type/status: Source /Active

Subject coverage

Rock and mineral analyses from Proterozoic igneous rocks

Geographical coverage

Arunta Block, NT; Pilbara and Yilgarn Blocks, WA; Africa;

Canada; Finland

Keywords

/Rock geochemistry /Igneous rocks /Proterozoic /Mineral
chemistry /Chemical analysis

/Australia /Africa /Canada /Finland /Arunta Block /Pilbara
Block /Yilgarn Block
Database system: Computerised
Computer storage media: Floppy disk
DBMS: Special purpose
Computer: HP9825A
Volume of data in database
2970 sets of analyses
Output products
Listings and graphical output
Database availability/accessibility
All analyses are available
Documentation
BMR Record 1982/39
Contact person
A Glikson
Bureau of Mineral Resources
GPO Box 378
Canberra ACT 2601
Telephone: (062)499951
Information current to May 1984

Baas Becking Geobiological Laboratory

1201
Database name
Modern and Ancient Sedimentary Environments
Acronym
BABIB
Database type/status: Reference /Active
Subject coverage
Modern environments, bacteria, cyanobacteria, sulphate
reduction; ancient environments, trace fossils, microfossils
Geographical coverage
Worldwide literature
Keywords
/Sedimentary environment /Palaeontology /Precambrian /Silurian
/Bibliographies /Bacterial reduction /Anaerobic processes
/Sulphate reduction /Stromatolites /Carbonate rocks /Palaeo-
environment
/Australia /World
Database system: Computerised
Computer storage media: Magnetic disk
DBMS: HP IMAGE 1000
Computer: HP1000
Volume of data in database
2000 references
Output products
Listings of references based on specific search criteria
Database availability/accessibility
Available on request
Documentation
User manual available

Comments

Database commenced as alternative to personal literature card-file system

Contact person

G W Skyring
Baas Becking Geobiological Laboratory
GPO Box 378
Canberra ACT 2601
Telephone: (062)499289

Information current to May 1984

1202

Database name

Fossil Species Catalogue

Acronym

FOSCAT

Database type/status: Source /Active

Subject coverage

Fossil species data, particularly from Precambrian and Early Cambrian (stromatolites, microfossils, trace fossils)

Geographical coverage

Worldwide

Keywords

/Palaeontology /Stratigraphy /Geography /Precambrian /Cambrian
/Stromatolites /Micropalaeontology /Trace fossils
/Australia /World /Amadeus Basin /Southern Ural Basin
/Xiahuayuan Basin

Database system: Computerised

Computer storage media: Magnetic disk
DBMS: HP IMAGE 1000
Computer: HP1000

Volume of data in database

Information on about 500 formations

Output products

Listings of species for any given combination of formation, age, and geographic region

Database availability/accessibility

Available on request

Comments

Database still being built; was established for stromatolite data but will be expanded to include other species

Contact person

G R Heys
Baas Becking Geobiological Laboratory
GPO Box 378
Canberra ACT 2601
Telephone: (062)499647

Information current to April 1984

CSIRO Division of Water and Land Resources

1301

Database name

Cape York MATAS

Acronym

CYMATAS

Database type/status: Source /Active

Subject coverage

Landform, lithology, drainage, vegetation, soils

Geographical coverage

Northern Cape York Peninsula (12 deg. 30' - 13 deg. 30' S;
141 deg. 30' - 144 deg. E)

Time coverage

1983

Keywords

/Landforms /Lithology /Drainage (geomorphology) /Soils
/Cape York

Database system: Computerised

Computer: VAX

Database availability/accessibility

Available on request

Contact person

P Laut
CSIRO Division of Water and Land Resources
GPO Box 1666
Canberra ACT 2601
Telephone: (062)465666

Information current to April 1984

1302

Database name

Digital Elevation Models for Australia

Database type/status: Source /Active

Subject coverage

Digital elevation models at regional and continental scales

Geographical coverage

Australia

Time coverage

To present

Keywords

/Contour map /Terrain models /Digital simulation
/Australia

Database system: Computerised

Computer storage media: Magnetic disk/tape

DBMS: Special purpose

Computer: VAX11-750

Volume of data in database

1 000 000 elevation data points

Output products

Computer-drawn contour maps at various scales, slope maps,
maps of various climatic variables

Database availability/accessibility

Selected data printed or plotted at cost. Parts or whole
of database available

Documentation

Divisional Technical Memorandum in preparation

Comments

Database will continue to be upgraded as additional accurate
point elevation data become available

Contact person

M F Hutchinson
CSIRO Division of Water and Land Resources

GPO Box 1666
Canberra ACT 2601
Telephone: (062)465733
Information current to April 1984

1303

Database name

Australian Resources Database

Acronym

ARDB

Database type/status: Source /Active

Subject coverage

Broad spectrum of natural and human resources, principally
compiled from other sources

Geographical coverage

Australia

Time coverage

1976 to 1983

Keywords

/Natural resources

/Australia

Database system: Computerised

Computer storage media: Magnetic disk/tape

DBMS: Special purpose

Computer: Cyber 76

Output products

Listings, plots

Database availability/accessibility

Available on request to organisation if task is simple;
otherwise available through SIROMATH consultancy firm

Documentation

Division of Water and Land Resources Technical Memorandums
83/11 and 83/12

Comments

This database is one of three components of the Australian
Resources Information System (ARIS) operated by the Division

Contact person

K D Cocks

CSIRO Division of Water and Land Resources

GPO Box 1666

Canberra ACT 2601

Telephone: (062)465822

Information current to April 1984

1304

Database name

Geotechnical Database

Database type/status: Source /Closed

Subject coverage

Geotechnical data necessary for large engineering projects

Geographical coverage

Australia

Time coverage

1980

Keywords

/Engineering geology /Soils /Geomorphology

/Australia
Database system: Computerised
Computer storage media: Magnetic disk/tape
Computer: Cyber 76
Volume of data in database
7000 records covering distinct geotechnical regions
Output products
Listings, maps of amended local government areas (LGAs)
Database availability/accessibility
Available on request to division
Documentation
Division of Water and Land Resources Report 84/1 (not yet available)
Contact person
J R Davis
CSIRO Division of Water and Land Resources
GPO Box 1666
Canberra ACT 2601
Telephone: (062)465170
Information current to April 1984

1305
Database name
Australian Resources Bibliography
Acronym
ARB
Database type/status: Reference /Active
Subject coverage
All geographically-specific resource publications
(especially surveys)
Geographical coverage
Australia (uses 1:100 000 map sheets as spatial base)
Time coverage
From 1900 to present (mostly from 1950)
Keywords
/Natural resources /Soil surveys
/Australia
Database system: Computerised
Computer storage media: Floppy disk
DBMS: DATASTAR
Computer: ORTEX 8-bit
Volume of data in database
400 soil survey references to date
Output products
Listings, microfiche
Database availability/accessibility
Available on request to division
Comments
Project Stage 1 - National Soil Survey - being undertaken in conjunction with Aust. Soil and Land Resources Committee
Contact person
J Clark
CSIRO Division of Water and Land Resources
GPO Box 1666
Canberra ACT 2601
Telephone: (062)465001
Information current to April 1984

NEW SOUTH WALES

Water Resources Commission

2101

Database name

Groundwater Data Bank

Database type/status: Source /Active

Subject coverage

Bore location and related details, lithology, chemistry, water levels, artesian flows, groundwater usage

Geographical coverage

New South Wales

Time coverage

1870 to present

Keywords

/Hydrogeology /Lithology /Aquifers /Water chemistry /Ground water quality /Hydrographic surveys /Hydraulic gradient /Specific yield /NSW

Database system: Computerised

Computer storage media: Magnetic tape

Computer: Burroughs 7700

Volume of data in database

Information on 51 000 bores

Output products

Indexes, reports, listings, microfiche, summaries

Database availability/accessibility

Microfiche available for inspection and purchase

Documentation

User notices, system and coding manuals produced for various parts of data bank

Comments

All files regularly updated

Contact person

R Jackman

Water Resources Commission

PO Box 952

North Sydney NSW 2060

Telephone: (02)9220121(Ext.879)

Information current to June 1984

Department of Mineral Resources

2201

Database name

Department of Mineral Resources Bibliographic Index

Acronym

MINFINDER

Database type/status: Reference /Under development

Subject coverage

Mining, geology, and mineral resources of NSW, including Exploration Licence Reports and Well Completion Reports

Geographical coverage

New South Wales

Time coverage

1850s to present

Keywords

/Geology /Mineral exploration /Mining /Mineral resources

/Petroleum exploration

/NSW

Database system: Computerised

Computer storage media: Magnetic tape/disk

DBMS: STATUS

Computer: FACOM via CLIRS Australia Pty Ltd

Volume of data in database

15 000 reports

Database availability/accessibility

Available to public

Contact person

D Thompson

Department of Mineral Resources

GPO Box 5288

Sydney NSW 2001

Telephone: (02)2404537

Information current to November 1984

2202

Duplicate entry deleted

2203

Database name

Core Library Index

Acronym

COREFINDER

Database type/status: Reference /Active

Subject coverage

Reference to diamond drill core housed at Department's
Londonderry Core Library

Geographical coverage

New South Wales

Time coverage

1900 to present

Keywords

/Core storage /Mineral exploration /Petroleum exploration
/Drilling
/NSW

Database system: Computerised/Manual

Type of manual system: Data sheets/index

Indexed by prospect/mine name, locality, type of drilling
(i.e. coal, metallic, petroleum, non-metallic, other)

Computer storage media: Magnetic tape/disk

DBMS: STATUS

Computer: FACOM via CLIRS Australia Pty Ltd

Volume of data in database

Reference to 3500 drill holes (approx. 1000 prospects)

Database availability/accessibility

Available to public

Contact person

D Thompson

Department of Mineral Resources

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Sydney NSW 2001

Telephone: (02)2404537

Information current to November 1984

2204

Database name

Mine Records

Database type/status: Reference /Active

Subject coverage

Information on important mines from Mines inspectors
Reports, newspapers, prospectuses, etc

Geographical coverage

New South Wales

Time coverage

1880 to present

Keywords

/Mines /Economic geology /Mineral statistics /Production
/Mineral resources
/NSW

Database system: Manual

Type of manual system: Reports on shelves

Indexed by mine name, locality, commodity

Volume of data in database

6000

Database availability/accessibility

Available to public

Comments

Computerisation under development using STATUS on IBM computer

Contact person

D Thompson
Department of Mineral Resources
GPO Box 5288
Sydney NSW 2001
Telephone: (02)2404537

Information current to May 1984

2205

Database name

Microfilm Index for Mines and Plans

Database type/status: Reference /Active**Subject coverage**

Old mine plans, geological maps and plans

Geographical coverage

New South Wales

Time coverage

1880 to present

Keywords

/Geological maps /Mines
/NSW

Database system: Manual

Type of manual system: Aperture cards
Indexed by name, geographic area

Volume of data in database

10 500 plans

Database availability/accessibility

Available to public

Contact person

D Thompson
Department of Mineral Resources
GPO Box 5288
Sydney NSW 2001
Telephone: (02)2404537

Information current to May 1984

2206

Database name

Resource Information System

Database type/status: Source /Under development**Subject coverage**

Mining/geology information brochures, annual reports

Geographical coverage

Australia

Time coverage

From present

Keywords

/Earth sciences information /Annual reports /Mining /Geology
/Australia

Database system: Manual

Type of manual system: Card index
Indexed by company/organisation, commodity/topic
Output products
Listings by company/organisation
Database availability/accessibility
Predominantly organisational use, public use by arrangement
Comments
Joint project with AMIC - to provide basis for annual update
of AMIC's 'Directory'
Contact person
K Koenig
Geological and Mining Museum
36 George Street
Sydney NSW 2000
Telephone: (02)2413662
Information current to April 1984

2207

Database name
Economic Mineral Collection
Database type/status: Source /Active
Subject coverage
Mineral specimens
Geographical coverage
Predominantly New South Wales, but also some from other
Australian and overseas localities
Time coverage
1876 to present
Keywords
/Specimen collecting /Ores /Minerals /Museums
/NSW /Australia /World
Database system: Manual
Type of manual system: Register and card index
Indexed by accession number, name, locality
Volume of data in database
25 500 specimens

Output products
Listings by index criteria produced in 1976
Database availability/accessibility
Register available for public inspection, microfiche copies
of 1976 listings available (\$12 per set for each criterion)
Documentation
'Specimen storage/retrieval system' (S Pecover) - Unpubl.
Report GS1980/013

Contact person
P Black
Geological and Mining Museum
36 George Street
Sydney NSW 2000
Telephone: (02)2413662
Information current to April 1984

2208

Database name
Display Resource System
Database type/status: Source /Active

Subject coverage

Geology/mining display items, particularly photographs

Geographical coverage

Predominantly New South Wales, but also some from other Australian localities

Time coverage

1880s to present

Keywords

/Geology /Mining /Photographic materials
/NSW /Australia

Database system: Manual

Type of manual system: Card index

Indexed by commodity/topic

Volume of data in database

1000 items

Database availability/accessibility

Available to industry and community groups for loan or hire
(depending on nature of use)

Contact person

K Koenig
Geological and Mining Museum
36 George Street
Sydney NSW 2000
Telephone: (02)2413662

Information current to April 1984

2209

Database name

16mm Film Library

Database type/status: Source /Active**Subject coverage**

16mm films and videos on mining and geology

Geographical coverage

Australia and the world

Time coverage

1950s to present

Keywords

/Geology /Mining
/Australia /World

Database system: Manual

Type of manual system: Accession register

Indexed by topic

Volume of data in database

235 items

Output products

Annual film catalogue

Database availability/accessibility

For public and school screenings at Museum - not available
for loan

Contact person

Education Officer
Geological and Mining Museum
36 George Street
Sydney NSW 2000
Telephone: (02)2413662

Information current to April 1984

2210

Database name

Environmental Reference Data

Database type/status: Source /Active

Subject coverage

Literature citations on environmental geology and mining and environmental subjects

Geographical coverage

World-wide

Time coverage

1970 to present

Keywords

/Environmental science /Pollution /Mine rehabilitation /Ground water
/World

Database system: Manual

Type of manual system: Card index
Indexed by subject

Volume of data in database

300 references

Output products

Used as citations in technical reports

Database availability/accessibility

Available for interrogation by public visiting Department

Contact person

G McIlveen
Environment Section, Geological Survey of NSW
GPO Box 5288
Sydney NSW 2001
Telephone: (02)2404289

Information current to May 1984

2211

Database name

Rehabilitation File

Database type/status: Source /Under development

Subject coverage

Data on abandoned mines and collieries

Geographical coverage

New South Wales

Keywords

/Mine rehabilitation /Environmental science /Industrial waste
heaps
/NSW

Database system: Manual

Type of manual system: Files and card index
Indexed by subject title

Database availability/accessibility

Organisational use only

Contact person

S Kaloustian
Records Section, Department of Mineral Resources
GPO Box 5288
Sydney NSW 2001

Telephone: (02)2404377
Information current to May 1984

2212

Database name

Environmental Monitoring File

Database type/status: Source /Active

Subject coverage

Results from mining localities inspected by Environmental
Section of Geological Survey of NSW

Geographical coverage

New South Wales

Time coverage

1973 to present

Keywords

/Environmental science /Mine rehabilitation /Pollution /Water
sampling
/NSW

Database system: Manual

Type of manual system: Folders

Indexed by locality

Volume of data in database

25 folders

Output products

Chemical analyses, photographs

Database availability/accessibility

Available for interrogation by public visiting Department

Contact person

A Morgan

Environment Section, Geological Survey of NSW

GPO Box 5288

Sydney NSW 2001

Telephone: (02)2404348

Information current to April 1984

2213

Database name

35mm Colour Slides - Environmental Geology

Database type/status: Source /Active

Subject coverage

Mining localities inspected by Environmental Section of
Geological Survey of NSW

Geographical coverage

New South Wales

Time coverage

1973 to present

Keywords

/Environmental science /Mine rehabilitation /Pollution /Audio
visual materials
/NSW

Database system: Manual

Type of manual system: Slide holders - held in cabinets

Volume of data in database

1284 slides

Database availability/accessibility

Available for interrogation by public visiting Department
(not available for loan)

Contact person

A Morgan
Environment Section, Geological Survey of NSW
GPO Box 5288
Sydney NSW 2001
Telephone: (02)2404348

Information current to April 1984

2214

Database name

Colour and Black and White Photographs-Environmental Geology

Subject coverage

Mining localities inspected by Environmental Section of
Geological Survey of NSW

Geographical coverage

New South Wales

Time coverage

1973 to present

Keywords

/Environmental science /Mine rehabilitation /Pollution /Photo-
graphic materials
/NSW

Database system: Manual

Type of manual system: Photographs mounted on cards held in
cabinets

Indexed by locality/standard sheet reference

Database availability/accessibility

Available for interrogation by public visiting Department

Contact person

A Morgan
Environment Section, Geological Survey of NSW
GPO Box 5288
Sydney NSW 2001
Telephone: (02)2404348

Information current to April 1984

2215

Database name

Environmental Impact Statements received by Department

Acronym

EIS List

Database type/status: Reference /Active**Subject coverage**

Environmental impact statements relating to new mining
ventures

Geographical coverage

New South Wales

Keywords

/Environmental science /Environmental impact /Mining /Mineral
exploration
/NSW

Database system: Manual

Type of manual system: Cards
Indexed by locality, subject/title

Volume of data in database

233 references

Database availability/accessibility

Available for interrogation by public visiting Department
(not available for loan)

Contact person

A Morgan
Environment Section, Geological Survey of NSW
GPO Box 5288
Sydney NSW 2001
Telephone: (02)2404348

Information current to April 1984

2216

Database name

Mineral Deposits Data Sheets

Database type/status: Source /Active**Subject coverage**

Data on metallic and non-metallic (industrial) mineral
deposits

Geographical coverage

Lachlan Fold Belt, New England Fold Belt and Broken Hill
area (metallic); New England Fold Belt (industrial)

Time coverage

1968 to present

Keywords

/Mineral deposits /Metalliferous deposits /Non metalliferous
deposits /Metallogenic maps
/Lachlan Fold Belt /New England Fold Belt /Broken Hill

Database system: Manual

Type of manual system: Data sheets
Indexed by 1:250 000 sheets in the Lachlan and New England
Fold Belts, and by 1:50 000 sheets in Broken Hill area

Volume of data in database

6900 data sheets

Output products

Books of data sheets to be accompanied by metallogenic maps

Database availability/accessibility

Most of data for Lachlan Fold Belt has been published;
other data in unpublished form

Documentation

Journal of Geological Society of Australia 25, 121-40 (1978)
(description of metallogenic mapping programs)

Contact person

D Suppel
Department of Mineral Resources
GPO Box 5288
Sydney NSW 2001
Telephone: (02)2404748

Information current to May 1984

2217

Database name

Geophysical Well Logs - Coal Exploration Bores

Acronym

COLDAT

Database type/status: Source /Under development

Subject coverage

Geophysical logging of bores drilled by the Department

Geographical coverage

New South Wales

Time coverage

1970 to 1983

Keywords

/Coal exploration /Drilling /Geophysical data /Well logs
/NSW

Database system: Computerised/Manual

Type of manual system: Handwritten lists in chronological
order

Computer storage media: Magnetic disk

DBMS: Special purpose

Computer: HP9845

Volume of data in database

Approximately 200 records

Output products

Geological Survey of NSW Unpublished Reports GS1980/391 and
GS1981/067

Database availability/accessibility

Copies of reports available for purchase

Documentation

(See output products)

Contact person

M T C Leys

Department of Mineral Resources

GPO Box 5288

Sydney NSW 2001

Telephone: (02)2404335

Information current to May 1984

2218

Database name

Well Logging Data in the Great Artesian Basin in NSW

Acronym

LOGDAT

Database type/status: Reference /Closed**Subject coverage**

References to well logging data gathered by the Department

Geographical coverage

Northwestern New South Wales

Time coverage

1970 to 1974

Keywords

/Drilling /Well logs /Geophysics

/Northwestern NSW /Great Australian Basin

Database system: Computerised

Computer storage media: Magnetic disk

DBMS: Special purpose

Computer: UNIVAC 1108

Volume of data in database

300 records

Output products

Unpublished Geological Survey Report GS1976/269

Database availability/accessibility

Copies of the report are available

Documentation

(See output products)

Contact person

M Leys

Department of Mineral Resources

GPO Box 5288

Sydney NSW 2001

Telephone: (02)2404335

Information current to May 1984

2219

Database name

Index of Airborne Geophysical Data for New South Wales

Acronym

AIRDAT

Database type/status: Reference /Under development

Subject coverage

Index of airborne geophysical data flown in NSW

Geographical coverage

New South Wales

Time coverage

To present

Keywords

/Geophysical data /Aerial geophysical surveys /Aerial
magnetic surveys /Radioactivity surveys /EM survey method
/NSW

Database system: Computerised

Computer storage media: Magnetic disk

DBMS: DATA MANAGER

Computer: Burroughs B20

Volume of data in database

200 records

Database availability/accessibility

Copies of data available for sale

Documentation

Geological Survey Report GS1979/019 (system up to 1979)

Comments

Up to 1979, index was maintained on Univac 1108 using

ALADIN DBMS

Contact person

M Leys

Department of Mineral Resources

GPO Box 5288

Sydney NSW 2001

Telephone: (02)2404335

Information current to May 1984

2220

Database name

Conodont Collection

Database type/status: Source /Active

Subject coverage

Samples submitted for relative dating using conodonts

Geographical coverage

New South Wales, some from other States

Time coverage

To present

Keywords

/Micropalaeontology /Conodonta /Museums
/NSW /Australia

Database system: Manual

Type of manual system: Card system

Indexed by number

Volume of data in database

800 samples

Output products

Geological Survey Reports

Database availability/accessibility

Available publicly for research

Contact person

J W Pickett

Geological and Mining Museum

36 George Street

Sydney NSW 2000

Telephone: (02)2413662

Information current to May 1984

2221

Database name

Palaeontology Collection

Database type/status: Source /Active**Subject coverage**

Vertebrate, invertebrate, plant and trace fossils

Geographical coverage

New South Wales, some from other States and overseas

Time coverage

1898 to present

Keywords

/Palaeontology /Vertebrate palaeontology /Invertebrate
palaeontology /Palaeobotany /Trace fossils /Museums
/NSW /Australia /World

Database system: Manual

Type of manual system: Register plus card index of type and
figured specimens

Volume of data in database

28 800 specimens

Database availability/accessibility

Restricted public access

Contact person

J W Pickett

Geological and Mining Museum

36 George Street

Sydney NSW 2000

Telephone: (02)2413662

Information current to May 1984

2222

Database name

Ore Mineral Collection

Database type/status: Source /Active

Subject coverage

Ore samples submitted for polishing and mineral identification

Geographical coverage

New South Wales

Time coverage

To present

Keywords

/Mineralogy /Mineragraphy /Ores /Museums
/NSW

Database system: Manual

Type of manual system: Register

Indexed by number, cross-indexed by locality and mineral content

Volume of data in database

1480 samples

Output products

Geological Survey Reports

Database availability/accessibility

Available for public use

Contact person

E Slanksy

Geological and Mining Museum

36 George Street

Sydney NSW 2000

Telephone: (02)2413662

Information current to May 1984

2223

Database name

Micropalaeontology Collection

Database type/status: Source /Active**Subject coverage**

Principally foraminifera, some conodonts, palynomorphs, and ostracodes (includes only type and figured specimens)

Geographical coverage

Mostly New South Wales, some from other States

Time coverage

1977 to present

Keywords

/Micropalaeontology /Foraminifera /Conodonts /Ostracoda
/Museums
/NSW /Australia

Database system: Manual

Type of manual system: Register

Volume of data in database

1725 specimens

Database availability/accessibility

Restricted public access

Documentation

Geological Survey Reports and Publications

Contact person

J W Pickett

Geological and Mining Museum

36 George Street

Sydney NSW 2000

Telephone: (02)2413662

Information current to May 1984

2224

Database name

Palynology Collection

Database type/status: Source /Active

Subject coverage

Palynology samples submitted for dating and correlation

Geographical coverage

Mostly New South Wales, some from other States and overseas

Time coverage

1960s to present

Keywords

/Palynology /Museums

/NSW /Australia /World

Database system: Manual

Type of manual system: Register

Volume of data in database

5500 samples

Output products

Geological Survey Reports

Database availability/accessibility

Available publicly for research

Documentation

Geological Survey Reports

Contact person

A McMinn

Geological and Mining Museum

36 George Street

Sydney NSW 2000

Telephone: (02)2413662

Information current to May 1984

2225

Database name

Petrology Collection

Database type/status: Source /Active

Subject coverage

Petrological descriptions of samples collected and/or
examined by Department geologists

Geographical coverage

New South Wales

Time coverage

To present

Keywords

/Petrology

/NSW

Database system: Manual

Type of manual system: Register, field sheets, thin section
descriptions

Volume of data in database

45 000 thin sections

Output products

Geological Survey Reports

Database availability/accessibility

Available publicly for research

Comments

More recent from mapping projects has been transferred onto computerised database

Contact person

L M Barron
Geological and Mining Museum
36 George Street
Sydney NSW 2000
Telephone: (02)2413662

Information current to May 1984

2226

Database name

Petrology Collection

Database type/status: Source /Active

Subject coverage

Petrological descriptions of samples collected and/or examined by Department geologists

Geographical coverage

New South Wales

Time coverage

To present

Keywords

/Petrology
/NSW

Database system: Computerised

Type of manual system: Sequential catalogue, and rock register

Computer storage media: Magnetic tape/disk

DBMS: MANAGE, ALADIN, and REPORT 2

Computer: Univac 1108

Volume of data in database

5000 rocks (11% of collection)

Output products

Listings by map sheet and geology. Can also be converted to 'star' table showing grainsize, rock composition, etc

Database availability/accessibility

Available for public use

Documentation

Reports GS1980/269, GS1979/267, 363 (Database structure, samples); Petrological Report 84/11 (star tables)

Comments

Contains records of old and more recent additions to collection. Manual registers still in use

Contact person

L M Barron
Geological and Mining Museum
36 George Street
Sydney NSW 2000
Telephone: (02)2413662

Information current to May 1984

2227

Database name

Rock Analyses and Compositions

Acronym

MINROK

Database type/status: Source /Under development
Subject coverage
Computes the approximate composition of a rock given estimates of mineral abundances
Geographical coverage
No restriction
Time coverage
1980 to present
Keywords
/Petrology /Mineral assemblage /Chemical composition /Chemical analysis
Database system: Computerised
Computer storage media: Magnetic disk
DBMS: Program written in BASIC
Computer: Univac 1108
Volume of data in database
120 standard mineral analyses
Output products
Approximate composition of rock
Database availability/accessibility
Available to public
Documentation
Unpublished Petrological Report 81/10
Comments
Program proves how unreliable are visual estimates of quartz versus f.g. sericite
Contact person
L M Barron
Geological and Mining Museum
36 George Street
Sydney NSW 2000
Telephone: (02)2413662
Information current to May 1984

2228
Database name
Mineral Analyses
Acronym
MINANAL
Database type/status: Source /Active
Subject coverage
Prepares tables of mineral analyses complete with reduction of Fe(2+)/Fe(3+), etc
Geographical coverage
No restriction
Time coverage
1980 to present
Keywords
/Petrology /Mineral assemblage /Reduction (chemistry)
Database system: Computerised
Computer storage media: Magnetic disk
DBMS: Programs written in BASIC
Computer: Univac 1108
Volume of data in database
2000 mineral analyses

Output products

Tables

Documentation

Unpublished Petrological Reports 81/18, 81/14

Comments

Uses paper tape output from Macquarie University microprobe.
Table format mostly fixed to mineral reduction into cations

Contact person

L M Barron
Geological and Mining Museum
36 George Street
Sydney NSW 2000
Telephone: (02)2413662

Information current to May 1984

2229

Database name

Chemical Analyses

Acronym

CHEMROCK

Database type/status: Source /Active

Subject coverage

Chemical analyses of rocks, minerals, coal ash; also
location data, geology, overlays for plots

Geographical coverage

New South Wales

Time coverage

1980 to present

Keywords

/Chemical analysis /Coal ash /Minerals /Rock chemistry
/NSW

Database system: Computerised

Computer storage media: Floppy disk/cassette
Computer: HP9845

Volume of data in database

6000 rock, 2000 mineral, 500 coal ash analyses

Output products

Plots, tables, CIPWs, overhead slides; points can be plotted
as symbols, record number, variables or sample number

Database availability/accessibility

Available to public

Documentation

Petrological Reports 81/35 and 81/19 in preparation

Contact person

L M Barron
Geological and Mining Museum
36 George Street
Sydney NSW 2000
Telephone: (02)2413662

Information current to May 1984

2230

Database name

Bore Retrieval System

Acronym

MIBORE

Database type/status: Source /Active

Subject coverage

Borehole locations

Geographical coverage

New South Wales coal basins

Time coverage

1869 to present

Keywords

/Coal exploration /Drill holes /Coal fields
/NSW

Database system: Computerised

Computer storage media: Magnetic disk

DBMS: Special purpose

Computer: Burroughs 7700

Volume of data in database

20 000

Output products

Listings of bores for each 1:25 000 map sheet;
computer-drawn overlays showing locations

Database availability/accessibility

Not available to public

Documentation

Not yet available

Comments

50% of data is confidential - it is hoped that
confidentiality can be removed in due course

Contact person

J Herlihy

Coal Geology Branch, Department of Mineral Resources

GPO Box 5288

Sydney NSW 2001

Telephone: (02)2404482

Information current to May 1984

2231

Database name

State Coal Resource Assessment

Acronym

COLINDOSS

Database type/status: Source /Under development**Subject coverage**

Coal industry information including past, present and future
mines, ownership, production, reserves, coal quality

Geographical coverage

New South Wales

Time coverage

1970 to present

Keywords

/Coal industry /Coal mines /Coal production /Coal resources
/Resource assessment
/NSW

Database system: Computerised

Computer: Burroughs B20

Volume of data in database

Approximately 200 Authorisations and mines at present

Output products

'Coal in NSW - Industry Profile' due to be published in

second half of 1984
Database availability/accessibility
Confidential until published
Comments
Database to be expanded as time permits
Contact person
P West
Coal Geology Branch, Department of Mineral Resources
GPO Box 5288
Sydney NSW 2001
Telephone: (02)2404312
Information current to May 1984

2232
Database name
Map and Plan Storage Index
Database type/status: Source /Active
Subject coverage
Field sheets, printed base maps, diagrams associated with reports, geological and topographic maps, aerial photographs
Geographical coverage
Generally New South Wales
Time coverage
To present
Keywords
/Geological maps /Topographic maps /Aerial photographs /Base maps /Maps
/NSW
Database system: Manual
Type of manual system: Cards
Indexed by area name
Volume of data in database
7000 cards covering some 60 000 maps and plans
Output products
Catalogue of maps (revised six-monthly)
Database availability/accessibility
Available to public; parts of database can be purchased
Comments
Future development will include linking card index with computerisation of 'Geological Survey' bibliographic index
Contact person
J S Fryer
Department of Mineral Resources
GPO Box 5288
Sydney NSW 2001
Telephone: (02)2404420
Information current to May 1984

2233
Database name
Computer Plotting
Database type/status: Source /Active
Subject coverage
Grid transformation, grid and point source data plotting, reduction and plotting of survey data

Geographical coverage

New South Wales

Time coverage

To present

Keywords

/Coal /Drill holes /Cartography
/NSW

Database system: Computerised

Computer storage media: Magnetic disk

Computer: PDP 11/70

Volume of data in database

30 coal borehole location sheets

Output products

Coal borehole locations referenced to graticule and ISG grid
at scales of 1:25 000, 1:31 680, 1:50 000

Database availability/accessibility

Organisational use only (may be available on open file in
near future)

Documentation

Geological Survey Report GS1982/363

Comments

Eventually a total of 130 borehole location sheets to be
available.

Contact person

J S Fryer
Department of Mineral Resources
GPO Box 5288
Sydney NSW 2001
Telephone: (02)2404420

Information current to May 1984

2234

Database name

Photographic Library

Acronym

PHOTOLIB

Database type/status: Source /Active**Subject coverage**

Photographs of historic mines, equipment, minerals, geology,
present mines, etc

Geographical coverage

New South Wales

Time coverage

1800 to present

Keywords

/Mines /Geology /Mining equipment /Photographic materials
/NSW

Database system: Computerised/Manual

Type of manual system: Filing cabinets

Indexed by geographical area

Computer storage media: Magnetic disk/tape

DBMS: STATUS

Computer: IBM

Volume of data in database

50 000 photographs

Database availability/accessibility

Available to public

Comments

Computerised index currently under development

Contact person

B Garner
Geological and Mining Museum
36 George Street
Sydney NSW 2000
Telephone: (02)2413662

Information current to May 1984

Metropolitan Water, Sewerage and Drainage Board

2301

Database name

Geological Section Data

Database type/status: Source /Active

Subject coverage

Geology of Sydney Basin and Illawarra region, mining and extractive industries, foundation and strata investigations

Geographical coverage

Sydney Basin and Illawarra region, New South Wales

Time coverage

1945 to present

Keywords

/Geology /Engineering geology /Coal mining /Mine wastes
/Industrial wastes
/Sydney Basin /Illawarra

Database system: Manual

Type of manual system: Reports, plans, maps, core logs
Indexed by job names and numbers, file numbers

Output products

Internal reports relating to Board's activities

Database availability/accessibility

Data available subject to approval for specific requests only

Contact person

N V Jensen
Metropolitan Water, Sewerage and Drainage Board
Fowlers Road
Guildford NSW 2000
Telephone: (02)6320311

Information current to May 1984

Department of Main Roads

2401

Database name

Aggregate (Quarried Rock) Data Storage

Acronym

AGTEDA

Database type/status: Source /Active

Subject coverage

Results of testing aggregate for conformity of properties for road building purposes

Geographical coverage

Mainly New South Wales

Time coverage

1972 to present

Keywords

/Rock properties /Aggregates /Engineering geology
/NSW

Database system: Computerised

Computer storage media: Magnetic disk/tape

Computer: Cyber 172

Volume of data in database

Approximately 3000 records

Output products

Listings sorted by various items (rock type, location, etc)

Database availability/accessibility

Output may be supplied to outside bodies

Documentation

Not available

Contact person

D Pratt

Department of Main Roads

PO Box 198

Haymarket NSW 2000

Telephone: (02)2186603

Information current to April 1984*Soil Conservation Service of NSW*

2501

Database name

SCS Soil Information System

Acronym

SCSSIS

Database type/status: Source /Active**Subject coverage**

Soil morphological data and site information listed for
discrete profiles

Geographical coverage

New South Wales

Time coverage

1980 to present

Keywords

Soils /Soil surveys /Soil structure /Soil classification
/Soil profiles
/NSW

Database system: Computerised/Manual

Type of manual system: Card register

Indexed by survey title

Computer storage media: Magnetic disk

DBMS: Special purpose

Computer: LSI 11/23

Volume of data in database

70 attributes for each of 700 profiles

Output products

Listings by various items

Database availability/accessibility

Available to data contributors

Documentation

Handbook produced

Comments

Data entered from site record cards available to any user
in New South Wales

Contact person

R J Morse
Soil Conservation Service
PO Box R201
Royal Exchange NSW 2000
Telephone: (02)2400378

Information current to June 1984

2502

Database name

Bibliography of Soils of the Sydney Region

Database type/status: Reference /Active

Subject coverage

All soil publications on the greater Sydney region

Geographical coverage

Area bounded by Kiama, Picton, Bell and Gosford

Time coverage

To present

Keywords

/Soils /Soil surveys
/Sydney /Kiama /Picton /Bell /Gosford

Database system: Manual

Type of manual system: Reference list
Indexed by author

Volume of data in database

100 references

Database availability/accessibility

Available to public

Contact person

G Atkinson
Soil Conservation Service
PO Box R201
Royal Exchange NSW 2000
Telephone: (02)2400382

Information current to June 1984

2503

Database name

Rural Land Capability

Acronym

LANDCAP

Database type/status: Source /Active

Subject coverage

Rural land capability - eight classes

Geographical coverage

NSW Eastern and Central Divisions

Time coverage

1983 to present

Keywords

/Land use planning /Arable land
/Eastern NSW /Central NSW

Database system: Computerised

Computer storage media: Magnetic disk

DBMS: Special purpose

Computer: LSI 11/23

Volume of data in database

Attributes at 2.5 million sites

Output products

Line printer maps, statistics for any defined region

Database availability/accessibility

Available to public

Comments

Digitised from maps at 1:100 000 scale at 1000 m grid points. Data from a further 3.1 million sites in preparation

Contact person

G Atkinson

Soil Conservation Service

PO Box R201

Royal Exchange NSW 2000

Telephone: (02)2400382

Information current to June 1984

2504

Database name

Soil Surveys of NSW

Database type/status: Reference /Under development**Subject coverage**

All soil surveys undertaken in NSW

Geographical coverage

New South Wales

Time coverage

To present

Keywords

/Soil surveys /Soil maps

/NSW

Database system: Computerised/Manual

Type of manual system: Reference list and maps

Indexed by author and location

Computer storage media: Magnetic disk

DBMS: Special purpose

Computer: LSI 11/23

Output products

Will produce keyword cross-index of all soil surveys

Database availability/accessibility

Not yet available

Comments

Bibliography will complement a comprehensive collection of survey maps and reports

Contact person

G Atkinson

Soil Conservation Service

PO Box R201

Royal Exchange NSW 2000

Telephone: (02)2400382

Information current to June 1984

2505

Database name

Bibliography - Soil and Land Resource Surveys

Database type/status: Reference /Active

Subject coverage

All soil surveys, land resource surveys, erosion surveys,
urban capability studies, land system maps, manuals by SCS

Geographical coverage

New South Wales

Time coverage

1943 to 1980

Keywords

/Soil conservation /Soil surveys /Erosion /Land use planning
/NSW

Database system: Manual

Type of manual system: Report

Indexed by date and type

Volume of data in database

300 items

Output products

Printed catalogue

Database availability/accessibility

Catalogue out-of-print

Comments

Being updated to June 1984

Contact person

G Atkinson

Soil Conservation Service

PO Box R201

Royal Exchange NSW 2000

Telephone: (02)2400382

Information current to June 1984

CSIRO Division of Mineral Physics

2601

Database name

Bibliography of Spectral Properties of Rocks/Minerals/Soils

Database type/status: Reference /Under development

Subject coverage

Spectral properties of rocks, minerals, and soils

Geographical coverage

World-wide

Time coverage

To present

Keywords

/Remote sensing

/World

Database system: Manual

Type of manual system: Cards

Indexed alphabetically

Volume of data in database

178 papers

Output products

Typed report

Database availability/accessibility

For organisational and AMIRA sponsor use only

Contact person

M J Hornibrook

CSIRO Division of Mineral Physics

PO Box 136

North Ryde NSW 2113

Telephone: (02)8878883

Information current to May 1984

2602

Database name

Landsat tape holdings

Database type/status: Reference /Closed**Subject coverage**

Landsat CCT holdings by Division of Mineral Physics

Geographical coverage

Australia

Time coverage

1972 to 1980

Keywords

/Landsat

/Australia

Database system: Computerised

Computer storage media: Magnetic tape

DBMS: HP IMAGE/1000

Computer: HP 1000

Volume of data in database

700 tapes

Output products

Listings in alphabetic map sheet, WRS, and Scene ID order

Database availability/accessibility

Available to public

Contact person

M J Hornibrook

CSIRO Division of Mineral Physics

PO Box 136

North Ryde NSW 2113

Telephone: (02)8878883

Information current to May 1984

Joint Coal Board

2701

Database name

Coal Resource Data System

Database type/status: Source /Active**Subject coverage**

Coal seam intersections and associated coal quality data

Geographical coverage

New South Wales

Keywords

/Coal resources /Drilling /Resource assessment /Coal seams

/NSW

Database system: Computerised
Computer storage media: Magnetic tape
DBMS: Special purpose
Computer: ICL
Volume of data in database
12 000 borehole records
Output products
Listings, indexes, maps, sections
Database availability/accessibility
System for organisational use only. Output may be purchased
by public subject to confidentiality restrictions
Documentation
Unpublished Joint Coal Board report
Comments
System oriented to coal resource assessment, but also yields
information on coal prospect drilling and coal quality
Contact person
J J Yoo
Joint Coal Board
GPO Box 3842
Sydney NSW 2001
Telephone: (02)271655
Information current to May 1984

Australian Museum

2801

Database name
Palaeontology Collection Catalogue
Database type/status: Source /Active
Subject coverage
Plant, invertebrate, vertebrate, and trace fossils in
Australian Museum Palaeontology Collection
Geographical coverage
Mainly New South Wales, but also some from other parts of
Australia and overseas
Time coverage
1887 to present
Keywords
/Palaeontology /Fossils /Invertebrate palaeontology
/Vertebrate palaeontology /Trace fossils
/NSW /Australia /World
Database system: Manual
Type of manual system: Card index
Volume of data in database
Approximately 60 000 entries
Database availability/accessibility
Accessible to interested researchers and visiting scientists
Contact person
R Jones
Division of Earth Sciences, Australian Museum
PO Box A285
Sydney South NSW 2000
Telephone: (02)3398332
Information current to August 1984

2802

Database name

Type and Figured Specimens of Fossils

Database type/status: Source /Active

Subject coverage

Published type and figured specimens housed in the
Australian Museum

Geographical coverage

Mainly New South Wales, but also some from other parts of
Australia

Time coverage

1887 to present

Keywords

/Fossils /Palaeontology /Specimen collecting /Museums
/NSW /Australia

Database system: Manual

Type of manual system: Card index

Volume of data in database

Approximately 2000 entries

Output products

Published catalogue - Australian Museum Memoir 13
(H O Fletcher, 1971)

Database availability/accessibility

Accessible to bona fide researchers

Comments

It is planned to put this database onto a word processor in
the near future

Contact person

R Jones

Division of Earth Sciences, Australian Museum

PO Box A285

Sydney South NSW 2000

Telephone: (02)3398332

Information current to August 1984

NORTHERN TERRITORY

Department of Transport and Works, Water Division

3101

Database name

Groundwater Database

Database type/status: Source /Active

Subject coverage

Groundwater bore location, construction, hydrogeology, yield, quality, strata descriptions and samples in storage

Geographical coverage

Northern Territory including coastal islands

Time coverage

1959 to present

Keywords

/Ground water /Hydrogeology /Water wells /Ground water quality
/Lithology /Well logs /Specific yield /Aquifers
/Northern Territory

Database system: Manual

Type of manual system: Files

Indexed by registration number (sequential) and index number which relates to 1:250 000 map sheet

Volume of data in database

Approximately 20 000 records

Output products

Data listings and interpreted groundwater and hydro-geological maps

Database availability/accessibility

Currently organisational use only

Comments

A fully-integrated hydrological database is currently under development

Contact person

N Qureshi

Department of Transport and Works

PO Box 1090

Darwin NT 5794

Telephone: (089)897550

Information current to April 1984

Northern Territory Geological Survey

3201

Database name

Closed and Open File Company Reports

Acronym

COFREP

Database type/status: Reference /Active

Subject coverage

Open and closed file company reports submitted to the Department of Mines and Energy

Geographical coverage

Northern Territory

Time coverage

1901 to present

Keywords

/Mineral exploration /Petroleum exploration /Reports /Exploration licences /Indexes (documentation)
/Northern Territory

Database system: Computerised

Computer storage media: Magnetic disk

DBMS: ATMS/STAIRS

Computer: IBM 3081 and 4341

Volume of data in database

5580 reports

Output products

Listings by 1:250 000 map area, EL number, report number, company name, and report title

Database availability/accessibility

Organisational use only

Documentation

NTGS Report GS83/15; internal users manual

Contact person

S H Hickey

Northern Territory Geological Survey

PO Box 2901

Darwin NT 5794

Telephone: (089)815844(Ext 441)

Information current to April 1984

3202

Database name

Open File Company Reports

Acronym

OFREP

Database type/status: Reference /Active**Subject coverage**

Open file company reports submitted to the Department of Mines and Energy

Geographical coverage

Northern Territory

Time coverage

1901 to present

Keywords

/Indexes (documentation) /Mineral exploration /Petroleum exploration /Reports /Exploration licences
/Northern Territory

Database system: Computerised

Computer storage media: Magnetic disk

DBMS: ATMS/STAIRS

Computer: IBM 3081 and 4341

Volume of data in database

3800 reports

Output products

Listings by 1:250 000 map area, EL number, report number, company name, and report title

Database availability/accessibility

Organisational use only. Listings available for sale

Documentation

NTGS Report GS83/15; internal users manual

Contact person

S H Hickey
Northern Territory Geological Survey
PO Box 2901
Darwin NT 5794
Telephone: (089)815844(Ext 441)

Information current to April 1984

3203

Database name

GEOSYSTEM Open File Company, Petroleum, and NTGS Reports

Acronym

OPENGEOS

Database type/status: Reference /Active

Subject coverage

Open file company, petroleum, and NTGS reports indexed by
Technical Information staff and geologists

Geographical coverage

Northern Territory

Time coverage

1920 to present (not complete)

Keywords

/Petroleum exploration /Mineral exploration /Geology /Strati-
graphy /Drilling /Geophysics /Geochemistry /Structural geology
/Northern Territory

Database system: Computerised.

Computer storage media: Magnetic disk

DBMS: ATMS/STAIRS

Computer: IBM 3081 and 4341

Volume of data in database

1902 reports

Output products

Index sheet covering bibliographic and geological
information relevant to report

Database availability/accessibility

Organisational use only. Listings available for sale

Documentation

NTGS Report GS83/15; internal users manual

Contact person

S H Hickey
Northern Territory Geological Survey
PO Box 2901
Darwin NT 5794
Telephone: (089)815844(Ext 441)

Information current to to April 1984

3204

Database name

Open and closed file NTGS Reports

Acronym

O/C GSTR

Database type/status: Reference /Active

Subject coverage

Open file reports written by NTGS geologists

Geographical coverage

Northern Territory

Time coverage

1920 to present

Keywords

/Indexes (documentation) /Reports

/Northern Territory

Database system: Computerised

Computer storage media: Magnetic disk

DBMS: ATMS/STAIRS

Computer: IBM 3081 and 4341

Volume of data in database

780 reports

Output products

Listings by 1:250 000 map sheet name, report number,
author's name, and report title

Database availability/accessibility

Organisational use only. Listings available for sale

Documentation

NTGS Report GS83/15; internal users manual

Contact person

S H Hickey

Northern Territory Geological Survey

PO Box 2901

Darwin NT 5794

Telephone: (089)815844(Ext 441)

Information current to April 1984

3205

Database name

Open file NTGS Reports

Acronym

GSTR

Database type/status: Reference /Active**Subject coverage**

Open file reports written by NTGS geologists

Geographical coverage

Northern Territory

Time coverage

1920 to present

Keywords

/Indexes (documentation) /Reports

/Northern Territory

Database system: Computerised

Computer storage media: Magnetic disk

DBMS: ATMS/STAIRS

Computer: IBM 3081 and 4341

Volume of data in database

151 reports

Output products

Listings by 1:250 000 map sheet name, report number,
author's name, and report title

Database availability/accessibility

Organisational use only. Listings available for sale

Documentation

NTGS Report GS83/15; internal users manual

Contact person

S H Hickey
Northern Territory Geological Survey
PO Box 2901
Darwin NT 5794
Telephone: (089)815844(Ext 441)

Information current to to April 1984

3206

Database name

Open File Petroleum Reports

Acronym

OILGAS

Database type/status: Reference /Active

Subject coverage

Open file petroleum reports submitted to the Department of
Mines and Energy

Geographical coverage

Northern Territory including offshore area

Time coverage

1948 to present

Keywords

/Indexes (documentation) /Reports /Petroleum exploration
/Exploration licences /Sedimentary basins
/Northern Territory

Database system: Computerised

Computer storage media: Magnetic disk

DBMS: ATMS/STAIRS

Computer: IBM 3081 and 4341

Volume of data in database

559 reports

Output products

Listings by basin name, OP or NTP number, company name,
and report title

Database availability/accessibility

Organisational use only. Listings available for inspection
and sale

Documentation

NTGS Report GS83/15; internal users manual

Contact person

S H Hickey
Northern Territory Geological Survey
PO Box 2901
Darwin NT 5794
Telephone: (089)815844(Ext 441)

Information current to April 1984

3207

Database name

Open and Closed File Petroleum Reports

Acronym

O/C OILGAS

Database type/status: Reference /Active

Subject coverage

Open and closed file petroleum reports submitted to the
Department of Mines and Energy

Geographical coverage

Northern Territory including offshore area

Time coverage

1948 to present

Keywords

/Indexes (documentation) /Reports /Petroleum exploration
/Exploration licences /Sedimentary basins
/Northern Territory

Database system: Computerised

Computer storage media: Magnetic disk

DBMS: ATMS/STAIRS

Computer: IBM 3081 and 4341

Volume of data in database

986 reports

Output products

Listings by basin name, OP or NTP number, company name,
and report title

Database availability/accessibility

Organisational use only.

Documentation

NTGS Report GS83/15; internal users manual

Contact person

S H Hickey

Northern Territory Geological Survey

PO Box 2901

Darwin NT 5794

Telephone: (089)815844(Ext 441)

Information current to April 1984

3208

Database name

Core Record Sample Sheets

Acronym

CORERECORD

Database type/status: Reference /Active**Subject coverage**

Open and closed file company reports which indicate that
diamond drillholes have been drilled

Geographical coverage

Northern Territory

Time coverage

1972 to present (not complete)

Keywords

/Indexes (documentation) /Drilling /Core storage /Drill
cuttings /Exploration licences /Drill core
/Northern Territory

Database system: Computerised

Computer storage media: Magnetic disk

DBMS: ATMS/STAIRS

Computer: IBM 3081 and 4341

Volume of data in database

1620 reports

Output products

Listings by company name, hole number, date drilled,
location, 1:250 000 map sheet, EL number, report number,
and indicating core/cuttings taken

Database availability/accessibility

Organisational use only.

Documentation

Operators guide

Contact person

S H Hickey

Northern Territory Geological Survey

PO Box 2901

Darwin NT 5794

Telephone: (089)815844(Ext 441)

Information current to April 1984

3209

Database name

Library Bibliography

Acronym

MINA

Database type/status: Reference /Active

Subject coverage

Books, pamphlets, and journal articles on mining, geology, machinery inspection, energy, exploration and related topics

Time coverage

1900 to present

Keywords

/Catalogues /Earth sciences information /Mineral exploration

/Mining /Geophysics /Mineral economics /Industrial health

/Energy /Mining equipment /Libraries

/Northern Territory /Australia /World

Database system: Computerised

Computer storage media: Magnetic disk

DBMS: ATMS/STAIRS

Computer: IBM 3081 and 4341

Volume of data in database

9000 documents

Output products

Listings

Database availability/accessibility

Available to public; listings available

Contact person

A Alderslade

Department of Mines and Energy

PO Box 2901

Darwin NT 5794

Telephone: (089)815844(Ext 279)

Information current to April 1984

QUEENSLAND

Queensland Water Resources Commission

4101

Database name

Groundwater Database

Acronym

GDB

Database type/status: Source /Active

Subject coverage

Hydrology, hydrogeology, hydrochemistry and general information on groundwater bores

Geographical coverage

Groundwater Proclaimed Districts of Queensland (covers most of State)

Time coverage

1890 to present

Keywords

/Hydrological data /Hydrogeology /Water wells /Ground water quality /Water analysis /Lithology /Pump tests /Specific yield /Well logs /Aquifers /Queensland Ground Water Proclaimed Area

Database system: Computerised

Computer storage media: Magnetic disc

DBMS: Software House 1022 DBMS

Computer: DEC-10

Volume of data in database

60 780 bores

Output products

Printouts, microfiche listings, hydrographs, magnetic tapes

Database availability/accessibility

Most data accessible to the public for inspection and purchase

Documentation

Groundwater Database data preparation manual - June 1982

Contact person

M B McEniery

Queensland Water Resources Commission

GPO Box 2454

Brisbane Qld 4001

Telephone: (07)2248405

Information current to May 1984

4102

Database name

Streamflow records

Acronym

SFRECS

Database type/status: Source /Active

Subject coverage

Streamflow information on quality and quantity of selected streams

Geographical coverage

Queensland

Time coverage

1910 to present

Keywords

/Hydrogeology /Hydrological data /Water analysis /Surface waters /Stream gauging
/Queensland

Database system: Computerised

Computer storage media: Magnetic disc

DBMS: Special purpose

Computer: Univac 1100/82

Volume of data in database

Daily discharges from 1021 stations, 21 000 water analyses

Output products

Microfiche listings, publications

Database availability/accessibility

Available for public access on microfiche, hard copy, and magnetic tape

Contact person

D G Alexander

Queensland Water Resources Commission

GPO Box 2454

Brisbane Qld 4001

Telephone: (07)2247388

Information current to June 1984

Geological Survey of Queensland

4201

Database name

Authority to Prospect Index System

Database type/status: Source /Active**Subject coverage**

Details of A to Ps (minerals): location, dates, holder, minerals sought, basin/province, expenditure, etc

Geographical coverage

Queensland

Time coverage

1935 to present

Keywords

/Mineral exploration /Mineralization /Mining leases /Exploration costs /Exploration potential /Exploration licences
/Geology /Sedimentary basins
/Queensland

Database system: Manual

Type of manual system: Card index

Indexed by A to P number/1:100 000 sheet area/structural unit or basin/mineral sought/Mining District/prospect, mine name

Volume of data in database

Over 4000 cards

Output products

Various reports on an ad hoc basis

Database availability/accessibility

Organisational use only

Comments

Index covers both current and past A to Ps

Contact person

J H Brooks
Geological Survey of Queensland
GPO Box 194
Brisbane Qld 4001
Telephone: (07)2244942

Information current to May 1984

4202

Database name

Petroleum Search Queensland Seismic Surveys

Database type/status: Source /Active

Subject coverage

Seismic surveys, lists of seismic sections held by GSQ

Geographical coverage

Queensland

Time coverage

To present

Keywords

/Petroleum exploration /Geophysics /Seismic surveys /Seismic
sections /Exploration licences
/Queensland

Database system: Manual

Type of manual system: Card index

Indexed by A to P number/company/ survey name

Volume of data in database

1080 cards

Database availability/accessibility

Organisational use only

Comments

Index covers both current and past A to Ps

Contact person

P Jones
Geological Survey of Queensland
GPO Box 194
Brisbane Qld 4001
Telephone: (07)2244912

Information current to May 1984

4203

Database name

Geophysical Survey Index

Database type/status: Source /Active

Subject coverage

Location, operator, contractor, dates, nature of survey,
method of survey

Geographical coverage

Queensland

Time coverage

1950 to present

Keywords

/Petroleum exploration /Geophysics /Seismic surveys /Gravity
surveys /Aerial magnetic surveys /SP survey method
/Queensland

Database system: Manual

Type of manual system: Card index

Indexed by operator
Volume of data in database
550 surveys
Output products
Listings, maps
Database availability/accessibility
Organisational use only
Contact person
V Suchocki
Geological Survey of Queensland
GPO Box 194
Brisbane Qld 4001
Telephone: (07)2244960
Information current to May 1984

4204

Database name
Uranium Exploration in Queensland
Database type/status: Reference /Closed
Subject coverage
Information on uranium exploration in Queensland
Geographical coverage
Queensland
Time coverage
1954 to 1979

Keywords
/Mineral exploration /Uranium
/Queensland
Database system: Manual
Type of manual system: List
Indexed by A to P/company report number/type of exploration/
1:250 000 sheet reference

Volume of data in database
700 surveys
Database availability/accessibility
Organisational use only
Contact person
J H Brooks
Geological Survey of Queensland
GPO Box 194
Brisbane Qld 4001
Telephone: (07)2244942
Information current to May 1984

4205

Database name
Aerial Magnetic Surveys in Queensland
Database type/status: Reference /Closed
Subject coverage
Information on aerial magnetic surveys conducted in
Queensland
Geographical coverage
Queensland
Time coverage
1963 to 1979

Keywords

/Mineral exploration /Geophysics /Aerial magnetic surveys
/Queensland

Database system: Manual

Type of manual system: List

Indexed by A to P/company/company report number/type of
exploration/1:250 000 sheet reference

Volume of data in database

300 surveys

Database availability/accessibility

Organisational use only

Contact person

R D Huber
Geological Survey of Queensland
GPO Box 194
Brisbane Qld 4001
Telephone: (07)2244870

Information current to May 1984

4206

Database name

Queensland Earthquake File

Database type/status: Source /Active**Subject coverage**

Data on earthquakes in Queensland and selected earthquakes
in neighbouring areas

Geographical coverage

Queensland and neighbouring areas

Time coverage

1800s to present

Keywords

/Seismology /Earthquakes
/Queensland

Database system: Computerised

Computer storage media: Magnetic disks

Computer: Webster-Spectrum II

Volume of data in database

Approximately 300 earthquakes

Output products

Computer plots and lists

Database availability/accessibility

On application

Documentation

Unpublished manuals

Comments

Database continually being updated. Older data in process
of being entered

Contact person

R J Cuthbertson
Geological Survey of Queensland
GPO Box 194
Brisbane Qld 4001
Telephone: (07)2244870

Information current to May 1984

4207

Database name

Digital Seismograph File

Database type/status: Source /Active

Subject coverage

Digital seismograph records of earthquakes and blasts

Geographical coverage

Northeast Queensland (blasts), local and overseas earthquakes (recorded in NE Queensland)

Time coverage

From February 1984

Keywords

/Seismology /Earthquakes /Digital seismographs
/Northeast Queensland

Database system: Computerised

Computer storage media: Magnetic disks

Computer: Webster-Spectrum II

Volume of data in database

Approximately 40 records per month

Output products

Computer plots

Database availability/accessibility

On application

Documentation

Unpublished manuals

Comments

Database continually being updated

Contact person

R J Cuthbertson

Geological Survey of Queensland

GPO Box 194

Brisbane Qld 4001

Telephone: (07)2244870

Information current to May 1984

4208

Database name

Queensland Quarry and Pit File

Database type/status: Source /Under development

Subject coverage

Location, operators, products and geology of quarries and pits

Geographical coverage

Queensland

Time coverage

From 1984

Keywords

/Construction materials /Quarries /Pits /Sand pits /Gravel
/Geology
/Queensland

Database system: Computerised

Volume of data in database

About 800 quarries and pits

Output products

Listings

Database availability/accessibility

Parts or whole of database will be available for purchase.
Selected data printed at cost

Comments

Database not yet available

Contact person

P D Graham
Geological Survey of Queensland
GPO Box 194
Brisbane Qld 4001
Telephone: (07)2247946

Information current to May 1984

4209

Database name

Bibliography of the Eromanga Basin in Queensland

Database type/status: Reference /Active

Subject coverage

Bibliography of the Eromanga Basin in Queensland

Geographical coverage

Western Queensland

Time coverage

1872 to 1984

Keywords

/Bibliographies /Jurassic /Cretaceous /Mesozoic
/Eromanga Basin

Database system: Manual

Type of manual system: Card index

Indexed alphabetically by author

Volume of data in database

About 600 references

Output products

GSQ Record 1984/17

Comments

Database regularly updated

Contact person

B H John
Geological Survey of Queensland
GPO Box 194
Brisbane Qld 4001
Telephone: (07)2244967

Information current to May 1984

4210

Database name

GSQ Stratigraphic Bores

Database type/status: Source /Active

Subject coverage

Location, drilling data, stratigraphy, and references on
stratigraphic bores

Geographical coverage

Queensland

Time coverage

1965 to present

Keywords

/Stratigraphic wells /Drilling /Stratigraphy
/Queensland

Database system: Manual

Type of manual system: Card index
Indexed alphabetically by bore name

Volume of data in database

208 bores

Database availability/accessibility

On application

Contact person

Stratigraphic Drilling Section
Geological Survey of Queensland
GPO Box 194
Brisbane Qld 4001
Telephone: (07)2244967

Information current to May 1984

4211

Database name

Queensland Energy Resource Database

Acronym

QERDB

Database type/status: Source /Under development

Subject coverage

Data on petroleum exploration wells and stratigraphic bores,
core/cuttings studies, (incl. selected coal and water bores)

Geographical coverage

Queensland

Time coverage

1900 to present

Keywords

/Exploratory wells /Stratigraphic wells /Water wells /Drilling
/Petroleum exploration /Geology
/Queensland

Database system: Computerised

Computer storage media: Magnetic disc
DBMS: MAPPER
Computer: Univac 1100/82

Volume of data in database

1133 wells and bores

Output products

Lists, maps, and reports

Database availability/accessibility

Restricted

Documentation

GSQ Record 1983/67 (Progress report on QERDB to 31/12/83)

Comments

Public availability yet to be determined

Contact person

J W Laycock
Geological Survey of Queensland
GPO Box 194
Brisbane Qld 4001
Telephone: (07)2244978

Information current to May 1984

4212

Database name

Petroleum Exploration Well Maps

Database type/status: Source /Active
Subject coverage
 Location of petroleum exploration wells
Geographical coverage
 Queensland
Time coverage
 1900 to present
Keywords
 /Petroleum exploration /Exploratory wells /Drilling /Maps
 /Queensland
Database system: Manual
 Type of manual system: Map sheets at 1:1 000 000 and 1:250 000 scales
 Organised by map sheet area
Volume of data in database
 14 sheets at 1:1 000 000 and 13 sheets at 1:250 000
Output products
 Reproductions of map sheets
Database availability/accessibility
 On application
Contact person
 V Suchocki
 Geological Survey of Queensland
 GPO Box 194
 Brisbane Qld 4001
 Telephone: (07)2244960
Information current to May 1984

4213

Database name
 Petroleum Exploration Well Index
Database type/status: Source /Active
Subject coverage
 Location, operator, spud and completion dates, target formation, results, status, elevation, formation tops
Geographical coverage
 Queensland
Time coverage
 1900 to present
Keywords
 /Petroleum exploration /Stratigraphy /Drilling /Exploratory wells /Well completion
 /Queensland
Database system: Manual
 Type of manual system: Card index
 Indexed alphabetically by operator
Volume of data in database
 870 wells
Output products
 Lists, maps, reports
Database availability/accessibility
 Organisational use only (most information becomes available through listings and in other sources)
Contact person
 M A Randal
 Geological Survey of Queensland

GPO Box 194
Brisbane Qld 4001
Telephone: (07)2247934
Information current to May 1984

4214

Database name

Petroleum Appraisal and Development Well Index

Database type/status: Source /Active

Subject coverage

Location, operator, spud and completion dates, target formation, results, elevation, formation tops

Geographical coverage

Queensland south of 24 degrees S

Time coverage

1900 to present

Keywords

/Petroleum exploration /Oil fields /Natural gas fields
/Drilling /Development wells /Stratigraphy /Well completion
/Southern Queensland

Database system: Manual

Type of manual system: Card index
Indexed alphabetically by oil or gas field

Volume of data in database

420 wells

Output products

Restricted listings, some information included in reports

Database availability/accessibility

Organisational use only

Contact person

M A Randal
Geological Survey of Queensland
GPO Box 194
Brisbane Qld 4001
Telephone: (07)2247934

Information current to May 1984

4215

Database name

Queensland Mineral Resources Inventory

Database type/status: Source /Active

Subject coverage

Status of exploration on significant prospects

Geographical coverage

Queensland

Time coverage

To present

Keywords

/Mineral exploration /Mineral resources /Ore reserves
/Resource assessment
/Queensland

Database system: Manual

Type of manual system: Tables (stored on word processor)

Output products

Listings

Database availability/accessibility
Organisational use only at present

Contact person
D S Wallis
Geological Survey of Queensland
GPO Box 194
Brisbane Qld 4001
Telephone: (07)2247786

Information current to May 1984

4216

Database name
Queensland Mineral Resources Database
Database type/status: Source /Under development
Subject coverage
Geological data on mineral occurrences

Geographical coverage
Queensland

Time coverage
Late 1850s to present

Keywords
/Mineral exploration /Mineral occurrences /Geology /Exploration potential /Mineral resources
/Queensland

Database system: Computerised
Computer storage media: Magnetic disc
DBMS: Special purpose

Database availability/accessibility
Organisational use only

Comments
In early stages of development

Contact person
S Ishaq
Geological Survey of Queensland
GPO Box 194
Brisbane Qld 4001
Telephone: (07)2244961

Information current to May 1984

4217

Database name
Storage and Retrieval System for Hydrogeological Data

Acronym
WATRMAS

Database type/status: Source /Closed

Subject coverage
Water bore data (with special emphasis on water chemistry and stratigraphy)

Geographical coverage
Georgina Basin, Condamine area, and Lockyer area of Queensland

Time coverage
To 1977

Keywords
/Water wells /Hydrogeology /Hydrological data /Stratigraphy
/Ground water /Water chemistry

/Georgina Basin /Condamine /Lockyer
Database system: Computerised
Computer storage media: Magnetic tape
DBMS: Special purpose
Computer: Univac 1100/82
Volume of data in database
10 000 records (Georgina Basin), 5000 records (Lockyer area)
Output products
Photocopies of printout
Database availability/accessibility
Organisational use only
Documentation
GSQ Report 77 (1973)
Comments
Data to be transferred to Water Bore Data System in due course (see 4219)
Contact person
R W Lait
Geological Survey of Queensland
GPO Box 194
Brisbane Qld 4001
Telephone: (07)2244968
Information current to May 1984

4218

Database name
Groundwater Survey Data
Database type/status: Source /Closed
Subject coverage
Water bore data as part of a hydrogeological study, some water quality data
Geographical coverage
Selected parts of Gympie, Maryborough, Cracow, and Bowen areas
Time coverage
To 1976
Keywords
/Hydrogeology /Ground water surveys /Ground water quality
/Water analysis
/Southern Queensland
Database system: Manual
Type of manual system: Edge-notched cards
Indexed by GSQ reference number, 1:100 000 sheet area
Volume of data in database
1400 cards
Database availability/accessibility
On application
Contact person
R W Lait
Geological Survey of Queensland
GPO Box 194
Brisbane Qld 4001
Telephone: (07)2244968
Information current to May 1984

4219

Database name

Water Bore Data System

Database type/status: Source /Active

Subject coverage

Water bore data with special emphasis on water chemistry and stratigraphy

Geographical coverage

Charleville 1:1 000 000 sheet area (excl. SG/55-12), plus SH/55-1 to SH/55-4

Time coverage

To 1983

Keywords

/Hydrogeology /Hydrological data /Stratigraphy /Water wells
/Water chemistry
/Western Queensland

Database system: Computerised

Computer storage media: Magnetic disc

DBMS: Special purpose

Computer: Univac 1100/82

Volume of data in database

Data on 5600 bores

Output products

Comprehensive bore listings, listings and tables of water chemistry data

Database availability/accessibility

Database is for organisational use only, but data with the exception of strat. interpretations available for purchase

Comments

Supercedes WATRMAS database (see 4217)

Contact person

R W Lait

Geological Survey of Queensland

GPO Box 194

Brisbane Qld 4001

Telephone: (07)2244968

Information current to May 1984

4220

Database name

Isotope Dating File

Database type/status: Source /Closed

Subject coverage

Isotopic dates and locations of rock and mineral specimens

Geographical coverage

Queensland

Time coverage

1962 to present

Keywords

/Radiometric dating /Whole rock /Minerals
/Queensland

Database system: Manual

Type of manual system: Card file

Indexed by location (1:250 000 area)

Volume of data in database

Approximately 1000 cards

Database availability/accessibility

On application

Comments

To be replaced by computerised database in due course

Contact person

C G Murray
Geological Survey of Queensland
GPO Box 194
Brisbane Qld 4001
Telephone: (07)2244971

Information current to May 1984

4221

Database name

Rock and Microslide Data Index

Database type/status: Source /Closed**Subject coverage**

Names and locations of rock specimens and thin sections

Geographical coverage

Queensland

Time coverage

1900 to 1983

Keywords

/Indexes (documentation) /Thin sections /Whole rock
/Queensland

Database system: Manual

Type of manual system: Card indexes (four sets)
Indexed by rock number, microslide number, location
(1:250 000 map) rock name

Volume of data in database

Approximately 10 000 specimens and their sections

Database availability/accessibility

On application

Comments

To be replaced by computerised database in due course
(see 4222)

Contact person

C G Murray
Geological Survey of Queensland
GPO Box 194
Brisbane Qld 4001
Telephone: (07)2244971

Information current to May 1984

4222

Database name

Rock and Microslide Data Index

Database type/status: Source /Under development**Subject coverage**

Names and locations of rock specimens and thin sections

Geographical coverage

Queensland

Time coverage

1900 to present

Keywords

/Indexes (documentation) /Thin sections /Whole rock
/Queensland

Database system: Computerised
Computer storage media: Magnetic disk
DBMS: General purpose

Comments

Replacing card index (see 4221)

Contact person

I W Withnall
Geological Survey of Queensland
GPO Box 194
Brisbane Qld 4001
Telephone: (07)2244972

Information current to May 1984

4223

Database name

Coalfile

Database type/status: Source /Active

Subject coverage

Coal exploratory borehole data

Geographical coverage

Major coal-bearing sedimentary basins in Queensland (mainly
Bowen Basin)

Time coverage

1981 to present

Keywords

/Coal exploration /Drilling /Sedimentary basins /Geological
logs /Coal seams
/Bowen Basin /Queensland

Database system: Computerised

Computer storage media: Magnetic disk/tape
DBMS: Special purpose
Computer: Univac 1100/82

Volume of data in database

1000 boreholes

Output products

Lithological logs, coal seam detail sections, microfiche of
geological logs, contour maps at various scales

Documentation

GSQ Record 1983/17 (database description and users manual);
GSQ Record 1983/53 (procedures manual)

Comments

See 4226 for earlier manual system

Contact person

D C Mengel
Geological Survey of Queensland
GPO Box 194
Brisbane Qld 4001
Telephone: (07)2246276

Information current to May 1984

4224

Database name

Borehole Card System

Database type/status: Source /Active

Subject coverage

Coal exploration borehole data - coordinates, depth, seam

thickness, stratigraphy
Geographical coverage
Bowen Basin
Time coverage
1955 to present
Keywords
/Coal exploration /Drilling /Coal seams /Stratigraphy
/Bowen Basin
Database system: Manual
Type of manual system: Card index
Indexed by hole number, county
Volume of data in database
Approximately 5600 boreholes
Database availability/accessibility
Data on bores outside Mining Lease or A to P areas are available
Contact person
D C Mengel
Geological Survey of Queensland
GPO Box 194
Brisbane Qld 4001
Telephone: (07)2246276
Information current to May 1984

4225

Database name
Assay Register
Database type/status: Source /Active
Subject coverage
Coal analysis information
Geographical coverage
Bowen Basin, Ipswich Basin
Time coverage
About 1950 to present
Keywords
/Coal analysis /Drilling
/Bowen Basin /Ipswich Basin
Database system: Manual
Type of manual system: Typed sheets
Indexed by sample number
Volume of data in database
20 000
Database availability/accessibility
Data on bores outside Mining Leases and A to P areas are available
Contact person
D C Mengel
Geological Survey of Queensland
GPO Box 194
Brisbane Qld 4001
Telephone: (07)2246276
Information current to May 1984

4226

Database name
Bore Logs

Database type/status: Source /Closed
Subject coverage
 Bore hole descriptions
Geographical coverage
 Queensland coal-bearing sedimentary basins
Time coverage
 1950 to 1981
Keywords
 /Coal exploration /Drilling /Geological logs
 /Queensland
Database system: Manual
 Type of manual system: Typed sheets
 Indexed by hole number, county
Volume of data in database
 8000
Output products
 Bore hole logs
Database availability/accessibility
 Data on bores outside Mining Leases and A to P areas are available
Comments
 Continued as Coalfile (see 4223)
Contact person
 D C Mengel
 Geological Survey of Queensland
 GPO Box 194
 Brisbane Qld 4001
 Telephone: (07)2246276
Information current to May 1984

4227
Database name
 Coal Petrological Data Card Index
Database type/status: Source /Active
Subject coverage
 Sample type and location, coal maceral analyses and vitrinite reflectance values
Geographical coverage
 Queensland sedimentary basins
Time coverage
 1966 to present
Keywords
 /Coal petrology
 /Queensland
Database system: Manual
 Type of manual system: Card index
 Indexed by bore hole name and number
Volume of data in database
 3000 cards
Database availability/accessibility
 Organisational use only
Contact person
 D C Mengel
 Geological Survey of Queensland
 GPO Box 194
 Brisbane Qld 4001

Telephone: (07)2246276
Information current to May 1984

4228

Database name

Queensland Government Mining Journal Index

Database type/status: Reference /Active

Subject coverage

Index of papers in the QGMJ, indexed by author, area, and subject

Geographical coverage

Queensland

Time coverage

1900 to present

Keywords

/Indexes (documentation) /Mineral exploration /Petroleum exploration /Mining /Coal industry /Government policy /Mineral statistics /Petroleum statistics /Stratigraphy /Geology /Queensland

Database system: Computerised

Computer storage media: Magnetic disk

DBMS: Applications program

Computer: Univac 1100/82

Volume of data in database

2178 references

Database availability/accessibility

On application

Contact person

J W Laycock

Geological Survey of Queensland

GPO Box 194

Brisbane Qld 4001

Telephone: (07)2244978

Information current to May 1984

4229

Database name

Company Report Database

Database type/status: Reference /Active

Subject coverage

Titles, location details, A to P number, and map sheet numbers of company reports

Geographical coverage

Queensland

Time coverage

1940 to present

Keywords

/Mineral exploration /Coal exploration /Petroleum exploration /Reports /Indexes (documentation) /Exploration licences /Queensland

Database system: Computerised

Computer storage media: Magnetic disk

DBMS: Applications program

Computer: Univac 1100/82

Volume of data in database

12 000 reports

Output products

Printed, cross-referenced listings

Database availability/accessibility

Open file listings available

Contact person

J W Laycock
Geological Survey of Queensland
GPO Box 194
Brisbane Qld 4001
Telephone: (07)2244978

Information current to May 1984

4230

Database name

Unpublished Report Bibliography

Database type/status: Reference /Active

Subject coverage

All unpublished reports held by GSQ, both internal and company reports

Geographical coverage

Queensland

Time coverage

1940 to present

Keywords

/Bibliographies /Geology /Stratigraphy /Mineral resources
/Mineral exploration /Petroleum exploration /Earth sciences
information
/Queensland

Database system: Computerised

Computer storage media: Magnetic disk

DBMS: UNIDAS

Computer: Univac 1100/82

Volume of data in database

3300 reports

Output products

Printed copies

Database availability/accessibility

Open file listings available

Contact person

P R Murphy
Geological Survey of Queensland
GPO Box 194
Brisbane Qld 4001
Telephone: (07)2244969

Information current to May 1984

4231

Database name

Microfilm Index

Database type/status: Reference /Active

Subject coverage

Microfilm, microfiche, aperture cards, and half-plate
negative collection

Geographical coverage

Queensland

Time coverage

To 1984

Keywords

/Micrographics /Indexes (documentation)
/Queensland

Database system: Computerised

Computer storage media: Magnetic disk

DBMS: Applications program

Computer: Univac 1100/82

Volume of data in database

10 000 items

Output products

Report listings

Database availability/accessibility

Organisational use only

Documentation

GSQ Record 1984/21 (procedures manual)

Contact person

P R Murphy

Geological Survey of Queensland

GPO Box 194

Brisbane Qld 4001

Telephone: (07)2244969

Information current to May 1984

4232

Database name

Palynology Collection

Database type/status: Source /Active**Subject coverage**

Palynology slides

Geographical coverage

Queensland

Time coverage

To 1984

Keywords

/Palynology

/Queensland

Database system: Manual

Type of manual system: Slides

Indexed by location

Volume of data in database

7000

Database availability/accessibility

On application

Contact person

P J G Fleming

Geological Survey of Queensland

GPO Box 194

Brisbane Qld 4001

Telephone: (07)2244980

Information current to May 1984

4233

Database name

Register of Type and Figured Specimens

Database type/status: Source /Active

Subject coverage
Type and figured palaeontology specimens
Geographical coverage
Queensland
Time coverage
To 1984
Keywords
/Indexes (documentation) /Fossils /Palaeontology /Age
/Queensland
Database system: Manual
Type of manual system: Register
Indexed by location, age, publication
Volume of data in database
2000
Database availability/accessibility
On application
Contact person
P J G Fleming
Geological Survey of Queensland
GPO Box 194
Brisbane Qld 4001
Telephone: (07)2244980
Information current to May 1984

4234

Database name
Palaeontological Locations
Acronym
LOCPAL
Database type/status: Source /Active
Subject coverage
Micropalaeontological localities
Geographical coverage
Queensland
Time coverage
To 1984
Keywords
/Palaeontology /Fossils /Geography
/Queensland
Database system: Computerised
Computer storage media: Magnetic disk
DBMS: Special purpose
Computer: Univac 1100/82
Volume of data in database
3500
Database availability/accessibility
On application
Documentation
GSQ Record 1983/57 (procedures manual)
Contact person
P J G Fleming
Geological Survey of Queensland
GPO Box 194
Brisbane Qld 4001
Telephone: (07)2244980
Information current to May 1984

Queensland Museum

4301

Database name

Fossil Catalogue

Acronym

QMF

Database type/status: Source /Active

Subject coverage

Information on fossils in the palaeontological collection

Geographical coverage

Mainly Quensland; some from other parts of Australia, and some foreign

Time coverage

1911 to present

Keywords

/Catalogues /Palaeontology /Fossils
/Queensland /Australia /World

Database system: Manual

Type of manual system: Register

Volume of data in database

13 200 entries

Output products

Manuscript catalogues of figured and described specimens

Database availability/accessibility

Information accessible to workers in any field

Contact person

M Wade
Queensland Museum
Gregory Terrace
Valley Qld 4006
Telephone: (07)522716

Information current to June 1984

4302

Database name

Locality Register

Acronym

L

Database type/status: Source /Active

Subject coverage

Localities of bulk samples of fossils

Geographical coverage

Mainly Quensland; some Northern Territory

Time coverage

1964 to present

Keywords

/Indexes (documentation) /Palaeontology /Fossils /Geography
/Queensland /Northern Territory

Database system: Manual

Type of manual system: Register

Volume of data in database

450 localities

Database availability/accessibility

Information available to scientific workers in specific fields

Comments

Not available to public

Contact person

M Wade
Queensland Museum
Gregory Terrace
Valley Qld 4006
Telephone: (07)522716

Information current to June 1984

Department of Primary Industries

4401

Database name

Burdekin Irrigation Area Soil Survey

Acronym

BIA

Database type/status: Source /Active

Subject coverage

Soils, vegetation, landform, land suitability, unique map area (UMA) boundaries and centrepoints

Geographical coverage

Burdekin River Valley, North Queensland

Time coverage

1978 to present

Keywords

/Irrigation /Geomorphology /Geography /Soils /Land use planning

/Burdekin River /Burdekin Irrigation Area

Database system: Computerised

Computer storage media: Magnetic tape/disk

DBMS: WARIS

Computer: PDP 11/73

Volume of data in database

1500 sites, 300 UMAs

Output products

Listings, areas of attributes, map overlays of centre points

Database availability/accessibility

Available on written request

Comments

Data used in writing of reports

Contact person

Director, Land Resources Branch
Department of Primary Industries
Meiers Road
Indooroopilly Qld 4068
Telephone: (07)3779311

Information current to June 1984

4402

Database name

Mackay Sugar Cane Lands Use Studies

Database type/status: Source /Active

Subject coverage

Soils, unique map areas (UMAs) - boundaries and centre points, current sugarcane assignments, sugarcane suitability

Geographical coverage

Mackay-Sarina district

Time coverage

1980 to present

Keywords

/Soils /Soil surveys /Land use planning /Geography
/Mackay /Sarina /North Queensland

Database system: Computerised

Computer storage media: Magnetic tape/disk

DBMS: WARIS

Computer: PDP 11/73

Volume of data in database

1800 sites, 2500 UMAs

Output products

Listings, areas of attributes, map overlays of centre points

Database availability/accessibility

Available on written request

Comments

Data used in writing of reports

Contact person

Director, Land Resources Branch
Department of Primary Industries
Meiers Road
Indooroopilly Qld 4068
Telephone: (07)3779311

Information current to June 1984

4403

Database name

Soils of the Kalliar District

Database type/status: Source /Closed**Subject coverage**

Soils, vegetation, landform

Geographical coverage

Fassifern Valley, southeast Queensland

Time coverage

1979

Keywords

/Soil surveys /Geomorphology /Geography /Soils
/Fassifern Valley /Southeast Queensland

Database system: Computerised

Computer storage media: Punch cards

Volume of data in database

700 soil sites

Output products

Listings

Database availability/accessibility

Available on written request

Documentation

Queensland Department of Primary Industries Ag. Chem. Tech.
Rep. No. 16

Comments

Data used as basis for published reports and maps

Contact person

Director, Land Resources Branch
Department of Primary Industries
Meiers Road
Indooroopilly Qld 4068
Telephone: (07)3779311

Information current to June 1984

4404

Database name

Soils of the Lockyer Valley

Database type/status: Source /Active

Subject coverage

Soils, vegetation, landform

Geographical coverage

Lockyer Valley, southeast Queensland

Time coverage

1980 to present

Keywords

/Soils /Soil surveys /Geography /Geomorphology
/Lockyer Valley /Southeast Queensland

Database system: Computerised

Computer storage media: Punch cards

Volume of data in database

1300 soil sites

Output products

Listings, sortings

Database availability/accessibility

Available on written request

Contact person

Director, Land Resources Branch
Department of Primary Industries
Meiers Road
Indooroopilly Qld 4068
Telephone: (07)3779311

Information current to June 1984

4405

Database name

Western Arid Region Land Use Study

Acronym

WARLUS

Database type/status: Source /Closed

Subject coverage

Land systems, soils, vegetation, landform, geology, land
use, land use recommendations

Geographical coverage

Southern and central western Queensland

Time coverage

1974 to 1980

Keywords

/Soils /Geology /Land use planning /Geomorphology /Geography
/Southern Queensland /Central Western Queensland

Database system: Computerised

Computer storage media: Magnetic tape/disk

DBMS: WARIS

Computer: PDP 11/73
Volume of data in database
1500 soil sites
Output products
Listings
Database availability/accessibility
Available on written request
Comments
Data is supplementary to a series of written reports and maps. Microfiche of data available with reports
Contact person
Director, Land Resources Branch
Department of Primary Industries
Meiers Road
Indooroopilly Qld 4068
Telephone: (07)3779311
Information current to June 1984

4406

Database name
Land Resources of the Burnett Region
Database type/status: Source /Active
Subject coverage
Climate, geology, landform, drainage, vegetation, soils, land capability, land use
Geographical coverage
Burnett Region, Queensland
Time coverage
1975 to present
Keywords
/Geography /Geology /Landforms /Drainage (geomorphology)
/Geomorphology /Soils /Land use planning
/Burnett Region
Database system: Computerised
Computer storage media: Magnetic tape/disk
DBMS: WARIS
Computer: PDP 11/73
Volume of data in database
250 sites, 420 unique mapping areas
Output products
Listings, areas of attributes
Database availability/accessibility
Available on written request
Documentation
Vandersee, B E & Kent D J (1983)- Land resources of the Burnett region, Pt 1.
Comments
Data used in reports
Contact person
Director, Land Resources Branch
Department of Primary Industries
Meiers Road
Indooroopilly Qld 4068
Telephone: (07)3779311
Information current to June 1984

4407

Database name

Wet Tropical Coast Sugarcane Lands Study

Database type/status: Source /Active

Subject coverage

Soils, unique map areas, current sugarcane assignments,
sugarcane suitability, landform

Geographical coverage

Ingham district, Queensland

Time coverage

1980 to present

Keywords

/Soils /Geomorphology /Geography /Land use planning
/Ingham

Database system: Computerised

Computer storage media: Magnetic tape/disk

DBMS: WARIS

Computer: PDP 11/73

Volume of data in database

600 sites

Output products

Listings

Contact person

Director, Land Resources Branch

Department of Primary Industries

Meiers Road

Indooroopilly Qld 4068

Telephone: (07)3779311

Information current to June 1984

SOUTH AUSTRALIA

Department of Mines and Energy

5101

Database name

AMDEL Reports Index

Database type/status: Reference /Active

Subject coverage

Index to AMDEL reports on Departmental projects

Geographical coverage

South Australia

Time coverage

To present

Keywords

/Reports /Indexes (documentation)

/South Australia

Database system: Manual

Type of manual system: Card index and typed lists

Database availability/accessibility

Organisational use only

Comments

Reports are also indexed in SADMEB (see 5106)

Contact person

A Ehrlich

South Australia Department of Mines and Energy

PO Box 151

Eastwood SA 5063

Telephone: (08)2747500

Information current to May 1984

5102

Database name

Core Library Index

Database type/status: Reference /Active

Subject coverage

Index of all drill samples stored in the Core Library listed under company or Departmental name, project, tenement, etc

Geographical coverage

South Australia

Time coverage

To present

Keywords

/Drilling /Drill core /Core storage /Drill cuttings

/South Australia

Database system: Computerised

Computer storage media: Magnetic tape

DBMS: Special purpose

Computer: CDC Cyber 720 and 825

Volume of data in database

20 000 records

Output products

Listings and COM

Database availability/accessibility

Limited public access

Documentation

Coding Manual; Dockets DM396/78, 463/78, 351/76, 77/77;
SR 27/4/150; RB78/108; QGN 53:2-3; MRR 139:42-53

Comments

Master file listed by 100 000 map area in numeric order of
core, cross-referenced with the Bore General File

Contact person

R L Wildy
South Australia Department of Mines and Energy
PO Box 151
Eastwood SA 5063
Telephone: (08)2747500

Information current to May 1984

5103

Database name

Water Analysis File

Database type/status: Source /Active

Subject coverage

Full analyses of samples collected from wells for water
quality

Geographical coverage

South Australia

Time coverage

To present

Keywords

/Hydrological data /Water analysis /Hydrogeology /Water wells
/South Australia

Database system: Computerised

Computer storage media: Magnetic disk

DBMS: Special purpose

Computer: CDC Cyber 720 and 825

Volume of data in database

212 000 records

Output products

Listings

Database availability/accessibility

Available to public

Documentation

SADME Report Book 79/108

Contact person

X Sibenaler
South Australia Department of Mines and Energy
PO Box 151
Eastwood SA 5063
Telephone: (08)2747500

Information current to February 1985

5104

Database name

Geochemical Data File

Database type/status: Source /Closed

Subject coverage

Assay results and location of samples for the Adelaide
1:250 000 map area

Geographical coverage

Adelaide 1:250 000 map area

Time coverage

1973 to 1975

Keywords

/Geochemistry /Assay value

/Adelaide SI 54 09

Database system: Computerised

Computer storage media: Magnetic disk

DBMS: Special purpose

Computer: CDC Cyber 720 and 825

Output products

Listings

Database availability/accessibility

Available to public. Data released in unpublished reports

Documentation

SADME Report Books 75/18, 75/94, 76/25, 76/49, 76/100,

76/134, 77/73

Contact person

M Mannik

South Australia Department of Mines and Energy

PO Box 151

Eastwood SA 5063

Telephone: (08)2747500

Information current to May 1984

5105

Database name

Bore General File Index Locality Maps

Database type/status: Source /Active**Subject coverage**

Locality maps of water and exploration wells

Geographical coverage

South Australia

Time coverage

To present

Keywords

/Drilling /Water wells /Exploratory wells /Index maps /Hydro-geology

/South Australia

Database system: Manual

Type of manual system: Maps

Output products

Maps available on microfiche

Database availability/accessibility

Available to public

Contact person

M Simons

South Australia Department of Mines and Energy

PO Box 151

Eastwood SA 5063

Telephone: (08)2747500

Information current to February 1985

5106

Database name

SA Department of Mines and Energy Bibliography

Acronym

SAMREF

Database type/status: Reference /Active

Subject coverage

References to unpublished reports, publications and standard geoscience maps on SA earth sciences and energy

Geographical coverage

South Australia

Time coverage

1953 to present

Keywords

/Bibliographies /Earth sciences information/Energy

/South Australia

Database system: Computerised

Computer storage media: Magnetic tape/disk

DBMS: STATUS

Computer: IBM3083E

Volume of data in database

15 400 references

Output products

Listings, used on-line

Database availability/accessibility

Available to public at cost

Documentation

SADME Report Book 79/70; Docket DM722/74

Comments

Converted February 1985 from Cyber to IBM. Still under development

Contact person

L Gerdes

South Australia Department of Mines and Energy

PO Box 151

Eastwood SA 5063

Telephone: (08)2747500

Information current to February 1985

5107

Database name

Newscutting Books

Database type/status: Source /Closed

Subject coverage

Newspaper cuttings on mining activity in South Australia

Geographical coverage

South Australia

Time coverage

1836 to 1965

Keywords

/Mineral industry /History /Mining

/South Australia

Database system: Manual

Type of manual system: Cuttings pasted in books

Volume of data in database

46 books

Database availability/accessibility

Available to public

Contact person

G Drew
South Australia Department of Mines and Energy
PO Box 151
Eastwood SA 5063
Telephone: (08)2747500

Information current to May 1984

5108

Database name

Rock Samples File

Acronym

RS File

Database type/status: Source /Active

Subject coverage

Geographic, petrologic and stratigraphic data on rock samples and thin sections

Geographical coverage

South Australia

Time coverage

1978 to present

Keywords

/Whole rock /Petrology /Silicate analysis /Stratigraphy
/South Australia

Database system: Computerised

Computer storage media: Magnetic disk

DBMS: Special purpose

Computer: CDC Cyber 720 and 825

Volume of data in database

15 000 samples

Output products

Listings

Database availability/accessibility

Available to public

Documentation

SADME Report Book 79/107; Docket DME53/75

Comments

Pre-1978 data on manual card index

Contact person

A Blissett
South Australia Department of Mines and Energy
PO Box 151
Eastwood SA 5063
Telephone: (08)2747500

Information current to May 1984

5109

Database name

Mine Summary Cards

Database type/status: Source /Closed

Subject coverage

Index to all known historic mines in SA, including history, geology, references and other relevant information

Geographical coverage

South Australia

Time coverage

1950 to 1981

Keywords

/Mines /History /Geology /Bibliographies
/South Australia

Database system: Manual

Type of manual system: Card index

Database availability/accessibility

Available to public

Contact person

G Drew

South Australia Department of Mines and Energy

PO Box 151

Eastwood SA 5063

Telephone: (08)2747500

Information current to May 1984

5110

Database name

Company Envelopes Index and Register

Database type/status: Reference /Active**Subject coverage**

Company exploration reports

Geographical coverage

South Australia

Time coverage

To present

Keywords

/Mineral exploration /Reports /Exploration licences
/South Australia

Database system: Computerised/Manual

Type of manual system: Card index/registration books

Volume of data in database

5000 envelopes

Output products

Listings

Database availability/accessibility

Limited public access

Contact person

V Hilditch

South Australia Department of Mines and Energy

PO Box 151

Eastwood SA 5063

Telephone: (08)2747500

Information current to May 1984

5111

Database name

Geological Monuments Register

Database type/status: Source /Active**Subject coverage**

Site name, accession number, planning area, map sheet and
references of geological monuments

Geographical coverage

South Australia

Time coverage

To present

Keywords

/Geological monuments /Land use planning /Environmental protection
/South Australia

Database system: Manual

Type of manual system: Typed summary sheets

Database availability/accessibility

Available to public

Contact person

J Olliver

South Australia Department of Mines and Energy

PO Box 151

Eastwood SA 5063

Telephone: (08)2747500

Information current to May 1984

5112

Database name

Gold Production Register

Database type/status: Source /Active**Subject coverage**

Historic production records and locations of gold mines

Geographical coverage

South Australia

Time coverage

To present

Keywords

/Gold Mines /Mineral statistics /Production /History
/South Australia

Database system: Manual

Type of manual system: Card index

Database availability/accessibility

Available to public

Contact person

J Olliver

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Information current to May 1984

5113

Database name

SADME Biostratigraphic Register for Foraminiferal Samples

Database type/status: Reference /Active**Subject coverage**

List of foraminiferal samples

Geographical coverage

South Australia

Time coverage

1949 to present

Keywords

/Biostratigraphy /Foraminifera /Palaeontology
/South Australia

Database system: Manual

Type of manual system: Registration book

Database availability/accessibility

Organisational use only

Contact person

J Lindsay

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PO Box 151

Eastwood SA 5063

Telephone: (08)2747500

Information current to May 1984

5114

Database name

Building Stones Register

Database type/status: Source /Active

Subject coverage

Historic record of known stone types with locality and geological properties

Geographical coverage

South Australia

Time coverage

To present

Keywords

/Industrial materials /Building stone /Rock properties

/South Australia

Database system: Manual

Type of manual system: Registration book

Database availability/accessibility

Available to public

Contact person

D Young

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PO Box 151

Eastwood SA 5063

Telephone: (08)2747500

Information current to May 1984

5115

Database name

Biostratigraphy Card Indexes

Database type/status: Reference /Active

Subject coverage

Several indexes on various subjects

Geographical coverage

South Australia

Time coverage

1952 to present

Keywords

/Biostratigraphy /Indexes (documentation)

/South Australia

Database system: Manual

Type of manual system: Card index

Database availability/accessibility

Organisational use only

Contact person

J Lindsay

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PO Box 151

Eastwood SA 5063
Telephone: (08)2747500
Information current to May 1984

5116

Database name

SADME Museum Biostratigraphic Register

Database type/status: Reference /Active

Subject coverage

List of individual fossil specimens

Geographical coverage

South Australia

Time coverage

1953 to present

Keywords

/Biostratigraphy /Fossils /Palaeontology /Museums /Specimen
collecting

/South Australia

Database system: Manual

Type of manual system: Registration book

Database availability/accessibility

Organisational use only

Contact person

J Lindsay

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PO Box 151

Eastwood SA 5063

Telephone: (08)2747500

Information current to May 1984

5117

Database name

Engineering Services Drawing Index

Database type/status: Reference /Active

Subject coverage

Index of all drawings drawn at Depot Drawing Office

Geographical coverage

South Australia

Time coverage

1942 to present

Keywords

/Engineering /Indexes (documentation)

/South Australia

Database system: Manual

Type of manual system: Card index

Volume of data in database

700-800 cards

Database availability/accessibility

Organisational use only

Contact person

R Parkinson

South Australia Department of Mines and Energy

PO Box 151

Eastwood SA 5063

Telephone: (08)2747500

Information current to May 1984

5118
Duplicate entry deleted

5119
Database name
Stuart Shelf Drill Data File
Database type/status: Source /Active
Subject coverage
Stratigraphic drillhole information on Adelaidean and
basement rocks from open and confidential company drillholes
Geographical coverage
Stuart Shelf
Time coverage
To present
Keywords
/Drilling /Mineral exploration /Stratigraphy /Adelaidean
/Proterozoic
/Stuart Shelf /Gawler Craton
Database system: Computerised
Computer storage media: Magnetic disk
DBMS: Special purpose
Computer: CDC Cyber 720 and 825
Volume of data in database
265 drillholes (open file); others confidential
Output products
Listings for departmental use; SADME report for public

Database availability/accessibility

Limited public access (see above)

Documentation

SADME Report 84/16 (unpublished) (Stuart Shelf drillhole database, by A W Newton)

Contact person

A W Newton
South Australia Department of Mines and Energy
PO Box 151
Eastwood SA 5063
Telephone: (08)2747500

Information current to May 1984

5120

Database name

South Australia Coal Database

Acronym

SACOAL

Database type/status: Source /Active

Subject coverage

Coal data, geophysical logs, and drillhole data

Geographical coverage

South Australia

Time coverage

1979 to present

Keywords

/Coal /Coal classification /Coal analysis /Coal exploration
/Geophysical logs /Drilling
/South Australia

Database system: Computerised

Computer storage media: Magnetic tape

DBMS: Special purpose

Computer: CDC Cyber 720 and 825

Output products

Computer plans and listings

Database availability/accessibility

Confidential - organisational use only

Documentation

Draft report: Sacoal System

Contact person

K Wigglesworth
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PO Box 151
Eastwood SA 5063
Telephone: (08)2747500

Information current to May 1984

5121

Database name

Lake Phillipson Coal Data Package

Database type/status: Source /Active

Subject coverage

Exploration activities and related studies on Lake
Phillipson tenements

Geographical coverage

Lake Phillipson, South Australia

Time coverage

To present

Keywords

/Coal exploration /Exploration licences /Coal deposit
/Lake Phillipson /EL 806 (SA)

Database system: Manual

Type of manual system: Microfiche

Output products

Departmental report - Confidential

Database availability/accessibility

Complete data package available from SADME (\$5000); Index
available (\$15 paper copy, \$5 microfiche)

Contact person

K Wigglesworth
South Australia Department of Mines and Energy
PO Box 151
Eastwood SA 5063
Telephone: (08)2747500

Information current to May 1984

5122

Database name

Log Analysis for Gas Reserves

Database type/status: Source /Active**Subject coverage**

Log data used to calculate gas reserves

Geographical coverage

Cooper and Eromanga Basins

Time coverage

1982 to present

Keywords

/Petroleum /Natural gas reserves /Well logs /Drilling
/Resource assessment
/Cooper Basin /Eromanga Basin

Database system: Computerised

Computer storage media: Magnetic disk

DBMS: Special purpose

Computer: CDC Cyber 720 and 825

Volume of data in database

Large database

Database availability/accessibility

Confidential - organisational use only

Comments

New program 'Electrofacies' has been developed for use in
log analysis

Contact person

M Mannik
South Australia Department of Mines and Energy
PO Box 151
Eastwood SA 5063
Telephone: (08)2747500

Information current to May 1984

5123

Database name

Gas Production

Database type/status: Source /Active

Subject coverage

Monthly production figures for all Cooper Basin gas wells

Geographical coverage

Cooper Basin

Time coverage

1979 to present

Keywords

/Petroleum /Natural gas production /Petroleum statistics /Gas wells
/Cooper Basin

Database system: Computerised

Computer storage media: Magnetic disk

DBMS: Special purpose

Computer: CDC Cyber 720 and 825

Output products

Listings

Database availability/accessibility

Confidential - organisational use only

Contact person

A Kozak

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Eastwood SA 5063

Telephone: (08)2747500

Information current to May 1984

5124

Database name

Well Database for Cooper Basin

Acronym

WELDAT

Database type/status: Source /Active**Subject coverage**

Formation tops and well data

Geographical coverage

Cooper Basin

Time coverage

To present

Keywords

/Petroleum /Drilling /Stratigraphy /Well logs
/Cooper Basin

Database system: Computerised

Computer storage media: Magnetic disk

DBMS: Special purpose

Computer: CDC Cyber 720 and 825

Output products

Listings

Database availability/accessibility

Confidential - organisational use only

Contact person

J Morton

South Australia Department of Mines and Energy

PO Box 151

Eastwood SA 5063

Telephone: (08)2747500

Information current to May 1984

5125

Database name

Bore General File

Acronym

BGF

Database type/status: Source /Active

Subject coverage

Hydrogeological and hydrochemical data from water wells,
petroleum wells and stratigraphic wells

Geographical coverage

South Australia

Time coverage

To present

Keywords

/Drilling /Well logs /Water analysis /Water wells /Strati-
graphic wells /Exploratory wells /Hydrological data /Salinity
/Hydrogeology
/South Australia

Database system: Computerised/Manual

Type of manual system: Microfiche of source data (logs,
analyses, etc)

Data stored by 1:100 000 map areas; index is computerised

Computer storage media: Magnetic disk

DBMS: Special purpose

Computer: CDC Cyber 720 and 825

Volume of data in database

110 000 wells

Output products

Listings and COM

Database availability/accessibility

Available to public at cost

Documentation

SADME Report Book 79/108; Coding Manual

Comments

Computerised index to bore data includes drilling details,
salinity, and type of logs

Contact person

X Sibenaler

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PO Box 151

Eastwood SA 5063

Telephone: (08)2747500

Information current to February 1985

5126

Database name

Observation Wells File

Database type/status: Source /Active

Subject coverage

Readings of monitoring dates, water levels, and salinity
results for observation wells in a network

Geographical coverage

South Australia

Time coverage

To present

Keywords

/Hydrogeology /Ground water management /Observation wells /Hydrological data /Water table /Salinity
/South Australia

Database system: Computerised

Computer storage media: Magnetic disk

DBMS: Special purpose

Computer: CDC Cyber 720 and 825

Volume of data in database

Several thousand records

Output products

Listings

Database availability/accessibility

Available to public at cost

Comments

Used for plotting hydrographs and water level contours

Contact person

X Sibenaler

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PO Box 151

Eastwood SA 5063

Telephone: (08)2747500

Information current to February 1985

5127

Database name

Plan Register

Database type/status: Reference /Active**Subject coverage**

Index to plans produced by Department for all publications
and unpublished reports

Geographical coverage

South Australia

Time coverage

To present

Keywords

/Indexes (documentation) /Maps

/South Australia

Database system: Computerised/Manual

Type of manual system: Card index (pre-1974)

Computer storage media: Magnetic disk

DBMS: Special purpose

Computer: CDC Cyber 720 and 825

Output products

Listings and COM; plans available on microfiche

Database availability/accessibility

Available to public

Contact person

V Hilditch

South Australia Department of Mines and Energy

PO Box 151

Eastwood SA 5063

Telephone: (08)2747500

Information current to May 1984

5128

Database name

Photographic Slide and Print File

Database type/status: Reference /Active

Subject coverage

Slides and photographs relating to all aspects of
Departmental operations

Geographical coverage

South Australia

Time coverage

To present

Keywords

/Indexes (documentation) /Audio visual materials /Photo-
graphic materials
/South Australia

Database system: Computerised/Manual

Type of manual system: Card index (pre-1976) and register

Computer storage media: Magnetic disk

DBMS: Special purpose

Computer: CDC Cyber 720 and 825

Volume of data in database

25 000 slides, 35 000 photographs

Output products

Listings and COM

Database availability/accessibility

Available to public at cost

Contact person

G Drew

South Australia Department of Mines and Energy

PO Box 151

Eastwood SA 5063

Telephone: (08)2747500

Information current to February 1985

5129

Database name

Precious Stones Permit File

Database type/status: Source /Active

Subject coverage

Opal tenements, PSP number and permit holder's name and
address, limitation dates

Geographical coverage

South Australia

Time coverage

1977 to present

Keywords

/Gemstones /Opal mining /Mining leases
/South Australia

Database system: Computerised

Computer storage media: Magnetic disk

DBMS: Special purpose

Computer: CDC Cyber 720 and 825

Output products

Listings

Database availability/accessibility

Organisational use only

Documentation

Operating manual produced

Contact person

L Manser

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PO Box 151

Eastwood SA 5063

Telephone: (08)2747500

Information current to February 1985

5130

Database name

Lease File

Database type/status: Source /Active

Subject coverage

Mining and exploration tenements, tenement numbers, permit holders' names and addresses, limitation dates

Geographical coverage

South Australia

Time coverage

1976 to present

Keywords

/Exploration licences /Mineral exploration /Mining leases

/South Australia

Database system: Computerised

Computer storage media: Magnetic disk

DBMS: Special purpose

Computer: CDC Cyber 720 and 825

Output products

Listings

Database availability/accessibility

Organisational use only

Contact person

L Manser

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Telephone: (08)2747500

Information current to February 1985

5131

Database name

Library Catalogue

Database type/status: Reference /Active

Subject coverage

Monographs, periodicals and books relating to geoscience

Geographical coverage

Worldwide

Time coverage

To present

Keywords

/Catalogues /Libraries /Earth sciences information

/Australia /World

Database system: Computerised/Manual

Type of manual system: Card index (pre-1978)

Computer storage media: Magnetic disk

DBMS: Special purpose

Computer: CDC Cyber 720 and 825
Volume of data in database
10 000 monographs, 1000 periodicals
Output products
Listings and COM
Database availability/accessibility
Available to public at cost
Comments
Series catalogue being developed
Contact person
J Hutley
South Australia Department of Mines and Energy
PO Box 151
Eastwood SA 5063
Telephone: (08)2747500
Information current to May 1984

5132
Database name
Trace Element Analysis File
Database type/status: Source /Active
Subject coverage
Results of trace element analyses
Geographical coverage
South Australia
Time coverage
To present
Keywords
/Hydrogeology /Trace analysis /Water analysis
/South Australia
Database system: Computerised
Computer storage media: Magnetic disk
DBMS: Special purpose
Computer: CDC Cyber 720 and 825
Output products
Listings
Database availability/accessibility
Organisational use only
Contact person
X Sibenaler
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PO Box 151
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Telephone: (08)2747500
Information current to February 1985

5133
Database name
Stratigraphy/Hydrogeology File
Database type/status: Source /Active
Subject coverage
Interpreted stratigraphic and hydrogeologic data
Geographical coverage
South Australia
Time coverage
1983 to present

Keywords

/Hydrogeology /Stratigraphy
/South Australia

Database system: Computerised

Computer storage media: Magnetic disk

DBMS: Special purpose

Computer: CDC Cyber 720 and 825

Output products

Used for drawing isopachs, depths to units, and cross sections

Database availability/accessibility

Organisational use only

Comments

Project-oriented - may be closed after project completed

Contact person

N Gerges

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PO Box 151

Eastwood SA 5063

Telephone: (08)2747500

Information current to May 1984

5134

Database name

Newscutting Computerised File

Database type/status: Reference /Active**Subject coverage**

Index to newspaper articles on mining, minerals, energy, policy development and production

Geographical coverage

Worldwide

Time coverage

1976 to present

Keywords

/Indexes (documentation) /Mineral industry /Mineral exploration /Energy resources /Government policy /Mineral statistics /Production /Petroleum /Earth sciences information /Mining
/South Australia /Australia /World

Database system: Computerised

Computer storage media: Magnetic disk

DBMS: Special purpose

Computer: CDC Cyber 720 and 825

Output products

Listings (articles are stored on microfiche)

Database availability/accessibility

Available to public

Documentation

Internal Admin. Instruction No. 32 (28/11/69)

Contact person

V Hilditch

South Australia Department of Mines and Energy

PO Box 151

Eastwood SA 5063

Telephone: (08)2747500

Information current to February 1985

5135

Database name

Assay File

Database type/status: Source /Active

Subject coverage

Departmental geochemical assay results from AMDEL (does not include company exploration data)

Geographical coverage

South Australia

Time coverage

To present

Keywords

/Geochemistry /Assay value

/South Australia

Database system: Computerised/Manual

Type of manual system: Card index (pre-1976), register

Computer storage media: Magnetic disk

DBMS: Special purpose

Computer: CDC Cyber 720 and 825

Output products

Listings

Database availability/accessibility

Available to public

Comments

Listed by accession number, cross-indexed to AMDEL report number and type of sample

Contact person

J Nankivell

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PO Box 151

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Information current to May 1984

5136

Database name

Mineral Production Statistics File

Database type/status: Source /Active

Subject coverage

Six-monthly mining statistics

Geographical coverage

South Australia

Time coverage

1978 to present

Keywords

/Mineral industry /Mineral statistics /Mineral economics

/Production

/South Australia

Database system: Computerised

Computer storage media: Magnetic disk

DBMS: Special purpose

Computer: CDC Cyber 720 and 825

Volume of data in database

300 records every six months

Output products

Listings. Results released as unpublished reports and in Annual Report. Records also on microfiche

Database availability/accessibility

Database for organisational use only

Documentation

SADME Report Books; Dockets DM700/78, 406/80, 83/81, 167/80, 663/81, 280/67, 355/77

Contact person

M Felstead
South Australia Department of Mines and Energy
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Telephone: (08)2747500

Information current to May 1984

5137

Database name

Storage and Sales of Petrol in South Australia

Database type/status: Source /Active

Subject coverage

Statistics on storage and sales of petrol

Geographical coverage

South Australia

Time coverage

1981/82 to 1982/83

Keywords

/Petroleum /Petroleum statistics /Oil storage /Oil prices
/South Australia

Database system: Computerised

Computer storage media: Magnetic disk

DBMS: SAS software

Computer: IBM 3083E

Output products

Used on-line

Database availability/accessibility

Available to public

Contact person

P Kolf
South Australia Department of Mines and Energy
PO Box 151
Eastwood SA 5063
Telephone: (08)2747500

Information current to May 1984

5138

Database name

Energy Statistics

Database type/status: Source /Active

Subject coverage

Energy statistics

Geographical coverage

South Australia

Time coverage

1959/60 to 1980/81

Keywords

/Energy resources /Energy economics /Statistics

/South Australia
Database system: Computerised
Computer storage media: Magnetic disk
DBMS: EPS and SAS software
Computer: IBM 3083E
Output products
Used on-line
Database availability/accessibility
Available to public
Documentation
In preparation
Comments
Not yet fully computerised
Contact person
P Kolf
South Australia Department of Mines and Energy
PO Box 151
Eastwood SA 5063
Telephone: (08)2747500
Information current to May 1984

5139

Database name
Electricity Statistics
Database type/status: Source /Active
Subject coverage
Statistics on electricity
Geographical coverage
South Australia
Time coverage
1959/60 to 1981/82
Keywords
/Electrical energy /Statistics
/South Australia
Database system: Computerised
Computer storage media: Magnetic disk
DBMS: EPS software
Computer: IBM 3083E
Output products
Used on-line
Database availability/accessibility
Available to public
Contact person
P Kolf
South Australia Department of Mines and Energy
PO Box 151
Eastwood SA 5063
Telephone: (08)2747500
Information current to May 1984

5140

Database name
Mining Registers
Database type/status: Source /Active
Subject coverage
Register of all mining claims and leases

Geographical coverage

South Australia

Time coverage

To present

Keywords

/Mining /Mining leases

/South Australia

Database system: Manual

Type of manual system: Registration books and maps

Output products

Plans showing all leases and claims

Database availability/accessibility

Available to public

Contact person

G Drew

South Australia Department of Mines and Energy

PO Box 151

Eastwood SA 5063

Telephone: (08)2747500

Information current to May 1984

5141

Database name

Report Book Index and Register

Acronym

RB Series

Database type/status: Reference /Active**Subject coverage**

All departmental report books

Geographical coverage

South Australia

Time coverage

To present

Keywords

/Indexes (documentation) /Reports

/South Australia

Database system: Computerised/Manual

Type of manual system: Card index and registration book

Database availability/accessibility

Available to public

Comments

Computerised in SADMEB from 1953

Contact person

V Hilditch

South Australia Department of Mines and Energy

PO Box 151

Eastwood SA 5063

Telephone: (08)2747500

Information current to May 1984

5142

Database name

Petroleum Statistics

Database type/status: Source /Active**Subject coverage**

Petroleum statistics

Geographical coverage
South Australia
Time coverage
1959/60 to 1982/83
Keywords
/Petroleum statistics
/South Australia
Database system: Computerised
Computer storage media: Magnetic disk
DBMS: SAS software
Computer: IBM 3083E
Output products
Used on-line
Database availability/accessibility
Available to public
Documentation
In preparation
Contact person
P Kolf
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PO Box 151
Eastwood SA 5063
Telephone: (08)2747500
Information current to May 1984

5143
Database name
Energy Flows in South Australia
Database type/status: Source /Active
Subject coverage
Information on energy flows
Geographical coverage
South Australia
Time coverage
1971 to 1983
Keywords
/Energy factor /Energy economics
/South Australia
Database system: Computerised
Computer storage media: Magnetic disk
DBMS: SAS software
Computer: IBM 3083E
Output products
Used on-line. Listings and report available
Database availability/accessibility
Available to public
Documentation
SADME Report
Contact person
P Kolf
South Australia Department of Mines and Energy
PO Box 151
Eastwood SA 5063
Telephone: (08)2747500
Information current to May 1984

5144

Database name

Energy Prices in South Australia

Database type/status: Source /Active

Subject coverage

Gas, electricity, and petroleum prices

Geographical coverage

South Australia

Time coverage

1959 to 1983

Keywords

/Oil prices /Electrical energy /Natural gas /Prices
/South Australia

Database system: Computerised

Computer storage media: Magnetic disk

DBMS: SAS software

Computer: IBM 3083E

Output products

Used on-line

Database availability/accessibility

Available to public

Documentation

SADME Report

Contact person

P Kolf

South Australia Department of Mines and Energy

PO Box 151

Eastwood SA 5063

Telephone: (08)2747500

Information current to May 1984

5145

Entry deleted

5146

Database name

Biostratigraphy Data File

Database type/status: Source /Active

Subject coverage

Information on foraminifera and palynology samples

Geographical coverage

South Australia

Time coverage

To present

Keywords

/Biostratigraphy /Palynology /Foraminifera

/South Australia

Database system: Computerised/Manual

Type of manual system: Card index and register

Computer storage media: Magnetic disk

DBMS: Special purpose

Computer: CDC Cyber 720 and 825

Output products

Listings

Database availability/accessibility

Organisational use only

Documentation

Coding manual

Contact person

J Lindsay

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PO Box 151

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Telephone: (08)2747500

Information current to May 1984

5147

Database name

State Gravity File

Database type/status: Source /Active

Subject coverage

Gravity survey data

Geographical coverage

South Australia

Time coverage

To present

Keywords

/Gravity surveys /Geophysical data

/South Australia

Database system: Computerised/Manual
Computer storage media: Magnetic disk
DBMS: Special purpose
Computer: CDC Cyber 720 and 825
Volume of data in database
700 surveys/200 000 stations
Output products
Listings and plots
Database availability/accessibility
Limited public access
Comments
Catalogue held on Tektronik desk computer
Contact person
G Pilkington
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PO Box 151
Eastwood SA 5063
Telephone: (08)2747500
Information current to May 1984

5148

Database name
Seismic Shot-point Maps and Index
Database type/status: Reference /Active
Subject coverage
Index to shot-point maps
Geographical coverage
South Australia
Time coverage
1980 to present (computerised in 1983)
Keywords
/Geophysics /Indexes (documentation) /Seismic surveys
/Shothole
/South Australia
Database system: Computerised/Manual
Type of manual system: Card index
Computer storage media: Magnetic disk
DBMS: Special purpose
Computer: CDC Cyber 720 and 825
Output products
Listings
Database availability/accessibility
Limited public access
Contact person
B Taylor
Department of Mines and Energy
PO Box 151
Eastwood SA 5063
Telephone: (08)2747500
Information current to February 1985

5149

Database name
EL Maps
Database type/status: Source /Active

Subject coverage

Locality maps at 1:2 000 000 scale showing location of all current exploration tenements

Geographical coverage

South Australia

Time coverage

To present

Keywords

/Index maps /Exploration licences /Mineral exploration /South Australia

Database system: Manual

Type of manual system: Maps

Output products

Maps (list in numeric order of SML or EL numbers)

Database availability/accessibility

Available to public

Contact person

V Hilditch

Department of Mines and Energy

PO Box 151

Eastwood SA 5063

Telephone: (08)2747500

Information current to May 1984

5150

Database name

Mineral Exploration Index Series

Database type/status: Source /Active**Subject coverage**

Open file departmental and company exploration locality information showing mineral occurrences and other data

Geographical coverage

South Australia

Time coverage

To 1980

Keywords

/Index maps /Mineral exploration /Mineral occurrences /Uranium /Geology /Geophysics /Geochemistry /Drilling /South Australia

Database system: Manual

Type of manual system: Maps

Output products

Maps and table on map

Database availability/accessibility

Available to public

Contact person

V Hilditch

Department of Mines and Energy

PO Box 151

Eastwood SA 5063

Telephone: (08)2747500

Information current to May 1984

5151

Database name

Aquifer/Well Test Data

Database type/status: Source /Active

Subject coverage

Field data on aquifer and well tests

Geographical coverage

South Australia

Time coverage

To 1984

Keywords

/Hydrogeology /Aquifer tests /Pump tests

/South Australia

Database system: Manual

Type of manual system: Typed lists

Output products

Some data available in Departmental reports

Database availability/accessibility

Available to public

Comments

To be computerised

Contact person

D Edwards

Department of Mines and Energy

PO Box 151

Eastwood SA 5063

Telephone: (08)2747500

Information current to May 1984

5152

Database name

Stratigraphic Definition Cards and Nomenclature Card Index

Database type/status: Source /Active**Subject coverage**

Stratigraphic definitions and all stratigraphic names in

South Australia

Geographical coverage

South Australia

Time coverage

To present

Keywords

/Stratigraphy /Stratigraphic nomenclature /Stratigraphic definition

/South Australia

Database system: Manual

Type of manual system: Card index

Database availability/accessibility

Available to public

Documentation

SADME Docket DME257/77; Company Envelope 3032

Comments

Information based on Central Registry of Stratigraphic Names (at BMR, see 1125)

Contact person

C Gatehouse

Department of Mines and Energy

PO Box 151

Eastwood SA 5063

Telephone: (08)2747500

Information current to May 1984

5153

Database name

Lexicon of South Australian Stratigraphic Names

Database type/status: Source /Under development

Subject coverage

Descriptions of stratigraphic units

Geographical coverage

South Australia

Time coverage

To present

Keywords

/Stratigraphy /Stratigraphic nomenclature /Lithology /Type
section /Stratigraphic definition
/South Australia

Database system: Manual

Type of manual system: Card index

Database availability/accessibility

Available to public

Documentation

SADME Docket DME573/75

Comments

Compilation not complete

Contact person

L Gerdes
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Information current to May 1984

5154

Database name

Seismic Magnetic Tapes and Index

Database type/status: Reference /Active

Subject coverage

Index to seismic magnetic tapes

Geographical coverage

South Australia

Time coverage

1981 to 1983

Keywords

/Seismic surveys /Computer hardware /Indexes (documentation)
/Geophysical data
/South Australia

Database system: Computerised

Computer storage media: Magnetic tape

DBMS: Special purpose

Computer: CDC Cyber 720 and 825

Output products

Listings

Database availability/accessibility

Limited public access

Comments

Tapes stored in variety of formats as supplied by permit
holders

Contact person

B Taylor
Department of Mines and Energy
PO Box 151
Eastwood SA 5063
Telephone: (08)2747500

Information current to February 1985

5155

Database name

Cooper Basin Geophysical Data File

Database type/status: Reference /Active

Subject coverage

Geophysical data of the Cooper Basin

Geographical coverage

Cooper Basin, South Australia

Time coverage

1973 to present (computerised in 1980)

Keywords

/Geophysical surveys /Geophysical data
/Cooper Basin

Database system: Computerised/Manual

Type of manual system: Typed list

Computer storage media: Magnetic disk

DBMS: Special purpose

Computer: CDC Cyber 720 and 825

Output products

Listings

Database availability/accessibility

Limited public access

Contact person

B Taylor
Department of Mines and Energy
PO Box 151
Eastwood SA 5063
Telephone: (08)2747500

Information current to February 1985

5156

Database name

Seismic Analogue Magnetic Tapes and Index

Database type/status: Source /Closed

Subject coverage

Analogue seismic data and index to tapes

Geographical coverage

South Australia

Time coverage

To 1982 (computerised in 1976)

Keywords

/Seismic surveys /Computer hardware /Analogue processing
/Indexes (documentation) /Geophysical data
/South Australia

Database system: Computerised/Manual

Type of manual system: Card index

Computer storage media: Magnetic tape

DBMS: Special purpose

Computer: CDC Cyber 720 and 825
Database availability/accessibility
Limited public access
Comments
Tapes stored in variety of formats as supplied by permit holders
Contact person
B Taylor
Department of Mines and Energy
PO Box 151
Eastwood SA 5063
Telephone: (08)2747500
Information current to February 1985

5157
Database name
Seismic Section Sepias and Index
Database type/status: Source /Active
Subject coverage
Seismic sections and index
Geographical coverage
South Australia
Time coverage
1980 to present (computerised in 1983)
Keywords
/Geophysics /Seismic surveys /Indexes (documentation)
/Seismic sections
/South Australia
Database system: Computerised/Manual
Type of manual system: Card index and typed lists
Computer storage media: Magnetic disk
DBMS: Special purpose
Computer: CDC Cyber 720 and 825
Output products
Listings
Database availability/accessibility
Limited public access
Contact person
B Taylor
Department of Mines and Energy
PO Box 151
Eastwood SA 5063
Telephone: (08)2747500
Information current to February 1985

5158
Database name
Geophysical Observers Logs and Index
Database type/status: Source /Active
Subject coverage
Geophysical logs and index
Geographical coverage
South Australia
Time coverage
To present

Keywords

/Geophysics /Geophysical logs /Indexes (documentation)
/South Australia

Database system: Manual

Type of manual system: Card index

Database availability/accessibility

Limited public access

Contact person

B Taylor
Department of Mines and Energy
PO Box 151
Eastwood SA 5063
Telephone: (08)2747500

Information current to February 1985

5159

Database name

Airborne Survey Data File and Catalogue File

Database type/status: Source /Active**Subject coverage**

Airborne data and catalogue to all airborne geophysical
surveys

Geographical coverage

South Australia

Time coverage

To present

Keywords

/Geophysics /Aerial geophysical surveys /Indexes
(documentation)
/South Australia

Database system: Computerised/Manual

Type of manual system: Typed list

Database availability/accessibility

Organisational use only

Comments

Not available until computerisation completed

Contact person

R Gerdes
Department of Mines and Energy
PO Box 151
Eastwood SA 5063
Telephone: (08)2747500

Information current to May 1984

5160

Database name

Geophysical Maps

Database type/status: Source /Active**Subject coverage**

Contour maps of data compiled from company, BMR, and State
aeromagnetic, gravity and some radiometric data

Geographical coverage

South Australia

Time coverage

To present

Keywords

/Geophysics /Geophysical maps /Aerial magnetic surveys

/Gravity surveys /Radioactivity surveys
/South Australia
Database system: Manual
Type of manual system: Maps
Indexed alphabetically by sheet name and numerically by sheet number
Volume of data in database
2000 maps
Output products
Copies of contour maps
Database availability/accessibility
Available to public
Contact person
V Hilditch
Department of Mines and Energy
PO Box 151
Eastwood SA 5063
Telephone: (08)2747500
Information current to May 1984

5161

Database name
Company Petroleum Geophysical Report Index
Database type/status: Reference /Active
Subject coverage
Index to seismic and major petroleum geophysical surveys
Geographical coverage
South Australia
Time coverage
To present
Keywords
/Geophysics /Petroleum exploration /Seismic surveys /Geophysical surveys /Indexes (documentation)
/South Australia
Database system: Manual
Type of manual system: Card index
Database availability/accessibility
Limited public access
Contact person
B Taylor
Department of Mines and Energy
PO Box 151
Eastwood SA 5063
Telephone: (08)2747500
Information current to February 1985

Australian Mineral Development Laboratories

5201

Database name
Clay Register
Database type/status: Source /Active
Subject coverage
Information on clay deposits potentially or proven suitable for economic use

Geographical coverage

Australia-wide with major emphasis on South Australia

Time coverage

To present

Keywords

/Clays /Industrial materials /Laboratory tests /Non
metalliferous deposits
/South Australia /Australia

Database system: Computerised

Computer storage media: Magnetic tape/disk

DBMS: Datatrieve

Computer: PDP 11 running RSX 11M

Volume of data in database

750 deposits

Output products

Listings of test data on clays

Database availability/accessibility

Selected data printed at cost. Parts or whole of database
available for purchase

Contact person

L Day

Australian Mineral Development Laboratories

PO Box 114

Eastwood SA 5063

Telephone: (08)791662

Information current to May 1984*South Australian Museum*

5301

Database name

Geological Data Retrieval System

Acronym

GDRS

Database type/status: Source /Active**Subject coverage**

Locality data and references on all sites of special
geological significance

Geographical coverage

South Australia

Time coverage

1900 to present

Keywords

/Type section /Geological monuments /National Estate Register
/South Australia

Database system: Manual

Type of manual system: Cards, maps and aerial photographs

All data is cross-indexed to other data

Volume of data in database

1600 sites

Database availability/accessibility

Reports free to government departments; fee charged to
other organisations

Comments

Data not complete for all sites. It is hoped to produce an

Index of South Australian Type Sections by 1986

Contact person

J Scrymgour
South Australian Museum
North Terrace
Adelaide SA 5000
Telephone: (08)2238898

Information current to May 1984

Electricity Trust of South Australia

5401

Database name

Northern St Vincent Basin Geological Database

Acronym

LOCI-GEO

Database type/status: Source /Active

Subject coverage

Geology of Tertiary age sediments

Geographical coverage

Northern St Vincent Basin, South Australia

Time coverage

1978 to present

Keywords

/Coal resources /Tertiary /Geology
/Saint Vincent Basin

Database system: Computerised

Computer storage media: Magnetic tape/disk
Computer: VAX 11-780

Volume of data in database

5000 blocks

Output products

Cross-sections, location plans, contour plans

Database availability/accessibility

Organisational use only

Contact person

M D O'Brien
Electricity Trust of South Australia - Coal Resources Branch
PO Box 6
Eastwood SA 5063
Telephone: (08)2745315

Information current to July 1984

5402

Database name

Leigh Creek Coalfield - Lobe B Geological Database

Database type/status: Source /Active

Subject coverage

Geology and geophysics with laboratory analyses and
interpreted coal quality results

Geographical coverage

Leigh Creek Coalfield, South Australia

Time coverage

1891 to 1983

Keywords

/Coal /Coal classification /Coal analysis /Geology /Drilling
/Geophysics
/Leigh Creek

Database system: Computerised

Computer storage media: Magnetic tape/disk

DBMS: Special purpose

Computer: VAX 11-780

Volume of data in database

12000 blocks (66 tapes)

Output products

Computer-drawn geological cross-sections, borehole
locations, contour maps at any scale

Database availability/accessibility

Organisational use only

Contact person

M D O'Brien

Electricity Trust of South Australia - Coal Resources Branch

PO Box 6

Eastwood SA 5063

Telephone: (08)2745315

Information current to July 1984

CSIRO Division of Soils

5501

Database name

National Soils Database

Database type/status: Source /Under development**Subject coverage**

Information about the soils of Australia as determined in
soil mapping programs and field experiments

Geographical coverage

Australia

Time coverage

1927 to present

Keywords

/Soils /Soil profiles /Soil surveys /Soil tests
/Australia

Database system: Computerised/Manual

Type of manual system: Cards

Index is computerised and arranged chronologically

Computer storage media: Magnetic disk

Computer: DEC

Volume of data in database

10 000 cards

Output products

In reports such as Soils and Land Use Series, some in papers
in summary form

Database availability/accessibility

Not accessible until in machine-readable form

Comments

Development of computerised database expected to be
completed by mid-1985

Contact person

C T Hignett

CSIRO Division of Soils
Private Bag 2
Glen Osmond SA 5064
Telephone: (08)2749311
Information current to May 1984

TASMANIA

Tasmania Department of Mines

6101

Database name

Water Bore Register

Acronym

BORIS

Database type/status: Source /Under development

Subject coverage

Water bore data, depth, water analyses, etc

Geographical coverage

Tasmania

Keywords

/Hydrogeology /Water wells /Hydrological data /Gound water
quality /Water analysis
/Tasmania

Database system: Computerised

Computer storage media: Magnetic disk

DBMS: Special purpose

Computer: Perkin-Elmer 8/32

Volume of data in database

4000 records

Output products

Listings, plots

Database availability/accessibility

Selected data printed at cost

Documentation

Tasmania Department of Mines Unpublished Report 1984/14

Contact person

P C Stevenson

Department of Mines

PO Box 56

Rosny Park Tas. 7018

Telephone: (002)303265

Information current to May 1984

6102

Database name

Mineral Deposits Index

Acronym

Mirloch

Database type/status: Source /Active

Subject coverage

Known mineral deposits and prospects

Geographical coverage

Tasmania

Keywords

/Mineral deposits

/Tasmania

Database system: Computerised

Computer storage media: Magnetic disk

DBMS: Special purpose

Computer: Perkin-Elmer 8/32

Volume of data in database

300 records

Output products

Listings of selected data

Database availability/accessibility

Selected data printed at cost

Documentation

Tasmania Department of Mines Unpublished Reports 1983/52 and 1983/48

Contact person

P L F Collins

Department of Mines

PO Box 56

Rosny Park Tas. 7018

Telephone: (002)303259

Information current to May 1984

6103

Database name

Tasmanian Gravity Database

Database type/status: Source /Active**Subject coverage**

Principal facts of gravity stations

Geographical coverage

Onshore Tasmania

Time coverage

To 1983

Keywords

/Gravity surveys /Gravity values /Geophysical data
/Tasmania (onshore)

Database system: Computerised

Computer storage media: Magnetic disk

DBMS: Special purpose

Computer: Perkin-Elmer 8/32

Volume of data in database

18 000 gravity stations

Output products

Computer-drawn maps and profiles

Database availability/accessibility

Parts or whole of database available at cost

Contact person

R G Richardson

Department of Mines

PO Box 56

Rosny Park Tas. 7018

Telephone: (002)302500

Information current to May 1984

6104

Database name

Geoscience Bibliography

Database type/status: Reference /Active**Subject coverage**

Bibliographic references (published and unpublished) on the geology and mineral resources of Tasmania

Geographical coverage

Tasmania

Keywords

/Bibliographies /Geology /Mineral resources
/Tasmania

Database system: Computerised

Computer storage media: Magnetic disk

Computer: Perkin-Elmer 8/32

Volume of data in database

1200 references

Output products

Listings, bibliographies, SDI listings

Database availability/accessibility

Output products available to the public

Comments

Separate files for each group of reports (eg Unpublished reports, Geol. Soc. Aust. papers)

Contact person

E L Martin

Department of Mines

PO Box 56

Rosny Park Tas. 7018

Telephone: (002)303502

Information current to May 1984

6105

Database name

Mining Tenements

Database type/status: Source /Active**Subject coverage**

Information on mining tenements

Geographical coverage

Tasmania

Time coverage

To present

Keywords

/Mining leases

/Tasmania

Database system: Computerised

Computer storage media: Magnetic disk

Volume of data in database

1400 mining tenements

Output products

Listings

Database availability/accessibility

Whole or part of file available at cost

Contact person

R G Richardson

Department of Mines

PO Box 56

Rosny Park Tas. 7018

Telephone: (002)302500

Information current to May 1984

Hydro-Electric Commission

6201

Database name

Tasmanian Earthquake Locations

Acronym

Tas nn (see Comment)

Database type/status: Source /Active

Subject coverage

Hypocentral coordinates, magnitude, origin, time, and intensities of earthquakes

Geographical coverage

Tasmania including offshore

Time coverage

1960 to present

Keywords

/Earthquakes /Earthquake magnitude /Catalogues /Seismology
/Tasmania (onshore) /Tasmania (offshore)

Database system: Computerised

Computer storage media: Archived file

Computer: B6700 (University of Tasmania)

Volume of data in database

1200 card images

Database availability/accessibility

Organisational use only

Comments

Used for risk studies. Equivalent data available from BMR earthquake file. "nn" in acronym is latest year covered

Contact person

R Underwood

Hydro-Electric Commission

GPO Box 355D

Hobart Tas. 7001

Telephone: (002)305302

Information current to April 1984

6202

Database name

Geology Section Plan Card Index

Database type/status: Source /Active

Subject coverage

Geological and geophysical plans for engineering geology

Geographical coverage

Tasmania

Time coverage

To present

Keywords

/Engineering geology /Engineering geophysics
/Tasmania

Database system: Manual

Type of manual system: Card index

Indexed by size of plan (quasi-chronological), and cross-indexed to regional/project files

Volume of data in database

3000 cards

Database availability/accessibility

Organisational use only

Contact person

Chief Geologist
Hydro-Electric Commission
GPO Box
Hobart Tas. 7001
Telephone: (002)305402

Information current to April 1984

6203

Database name

Drill Core Log

Database type/status: Source /Active

Subject coverage

Geological logging of diamond drill core for engineering
geological purposes

Geographical coverage

Tasmania

Time coverage

To present

Keywords

/Engineering geology /Drilling /Geological logs /Drill core
/Tasmania

Database system: Manual

Type of manual system: Data on paper logs, indexed on
1:000 000 plans

Indexed by drill hole number (project-based), and cross-
indexed by geographic location

Volume of data in database

10 000 sheets

Database availability/accessibility

Organisational and research use only

Contact person

Chief Geologist
Hydro-Electric Commission
GPO Box
Hobart Tas. 7001
Telephone: (002)305402

Information current to April 1984

6204

Database name

Petrographic Thin Sections

Database type/status: Source /Active

Subject coverage

Thin sections and petrographic descriptions from hand
specimens and drill cores

Geographical coverage

Tasmania

Time coverage

To present

Keywords

/Petrology /Specimen collecting /Engineering geology /Drill
core
/Tasmania

Database system: Manual

Type of manual system: Slides, sheets, photomicrographs
Indexed by thin section number (project-based), and cross-

indexed by geographic location and sample number
Volume of data in database
2600 thin sections
Output products
Technical memorandums
Database availability/accessibility
Organisational and research use only
Contact person
Chief Geologist
Hydro-Electric Commission
GPO Box
Hobart Tas. 7001
Telephone: (002)305402
Information current to April 1984

Forestry Commission, Tasmania

6301
Database name
Karst Landforms, Mole Creek area
Database type/status: Source /Active
Subject coverage
Karst landforms, including sinkholes, caves, underground streams, Quaternary sediments, etc
Geographical coverage
Mole Creek area, north-central Tasmania
Time coverage
To present
Keywords
/Geomorphology /Karst topography /Speleology /Quaternary
/Hydrogeology /Landslides /Glacial till /Erosion /Underground streams /Environmental protection
/Mole Creek
Database system: Manual
Type of manual system: Register
Arranged alphabetically
Volume of data in database
250 locations
Output products
Listings, maps
Database availability/accessibility
Organisational use only
Comments
Outside access will probably be limited to member bodies of the Australian Speleological Federation
Contact person
K W Kiernan
Forestry Commission
GPO Box 207B
Hobart Tas. 7001
Telephone: (002)302025
Information current to June 1984

Tasmania Department of Agriculture

6401

Database name

Land Systems of Tasmania

Database type/status: Source /Active

Subject coverage

Brief description of rainfall, geology, topography, soil, vegetation, land use, and hazards

Geographical coverage

Northern half of Tasmania

Time coverage

1975 to present

Keywords

/Geography /Land use planning /Topography /Soils /Geology
/Tasmania

Database system: Manual

Type of manual system: Reports and maps - site data in
notebooks

Volume of data in database

19 items of information from 1500 sites

Output products

Reports (April, 1978; November 1980; December 1982) plus
29 maps at 1:100 000 scale

Database availability/accessibility

Maps and reports available for sale to public - site data
in note books available on request

Documentation

Data collection and recording methods are described in
published reports

Comments

Completion of State coverage planned to be completed by
1987. Computerisation of data also proposed

Contact person

L Richley
Department of Agriculture
GPO Box 192B
Hobart Tas. 7001
Telephone: (002)306698

Information current to June 1984

VICTORIA

State Rivers and Water Supply Commission

7101

Database name

Soil Salinity Database

Database type/status: Source /Active

Subject coverage

Soil salinities

Geographical coverage

Shepparton region, Victoria

Time coverage

1975 to 1983

Keywords

/Salinity /Soils

/Shepparton Region /Kerang Region /Sunraysia Region

Database system: Computerised

Computer storage media: Magnetic tape

DBMS: Special purpose

Computer: HP3000

Volume of data in database

1100 bores, 40 000 salinity values

Output products

Listings, histograms, statistics summary sheet

Database availability/accessibility

Organisational use only

Documentation

Database documentation, January 1984

Comments

Database is proposed to include the Kerang and Sunraysia regions

Contact person

R Evans

State Rivers and Water Supply Commission

590 Orrong Road

Armadale Vic. 3143

Telephone: (03)5082640

Information current to April 1984

7102

Database name

Groundwater Watertable Database

Database type/status: Source /Active

Subject coverage

Groundwater table elevation

Geographical coverage

Shepparton, Kerang, and Sunraysia regions

Time coverage

To 1983

Keywords

/Water table /Ground water /Hydrogeology

/Shepparton Region /Kerang Region /Sunraysia Region

Database system: Computerised

Computer storage media: Magnetic tape
DBMS: Special purpose
Computer: HP3000
Volume of data in database
200 000 water table readings
Output products
Listings, plots of water table versus time
Database availability/accessibility
Listings available to public at discretion of Commission
Documentation
User documentation available, database is partly documented
Comments
Database is being developed to include other output products
Contact person
R Evans
State Rivers and Water Supply Commission
590 Orrong Road
Armadale Vic. 3143
Telephone: (03)5082640
Information current to April 1984

Melbourne and Metropolitan Board of Works

7201

Database name

Rock Substance Register

Acronym

RSREG

Database type/status: Source /Active

Subject coverage

Rock strength parameters

Geographical coverage

Melbourne area, and water supply projects

Time coverage

1970 to present

Keywords

/Drilling /Engineering geology /Rock properties /Rock mechanics

/Melbourne Metropolitan Region

Database system: Computerised

Computer storage media: Magnetic tape/disk

DBMS: Special purpose

Computer: HP3000

Volume of data in database

6000

Output products

Listings, statistics

Database availability/accessibility

Organisational use only

Documentation

Database manual produced

Comments

See Borehole Register

Contact person

R B Anderson

MMBW - Engineering Geology Section
276 Burke Road
Gardiner Vic. 3146
Telephone: (03)254502
Information current to May 1984

7202

Database name

Borehole Register

Acronym

BHREG

Database type/status: Source /Active

Subject coverage

Location, dimensions, and key to documentation of boreholes,
test pits and shafts

Geographical coverage

Melbourne metropolitan region and outlying water supply
project areas

Time coverage

Mostly 1960 to present (some data from 1800s)

Keywords

/Engineering geology /Drill holes /Test pits /Shafts
/Melbourne Metropolitan Region

Database system: Computerised

Computer storage media: Magnetic tape/disk

DBMS: Special purpose

Computer: HP3000

Volume of data in database

9000 records

Output products

Catalogue, selected listings, plots

Database availability/accessibility

Organisational use only

Comments

BHREG is source file for location details used with other
files such as groundwater chemistry and rock substance tests

Contact person

R B Anderson

MMBW - Engineering Geology Section

276 Burke Road

Gardiner Vic. 3146

Telephone: (03)254502

Information current to May 1984

7203

Database name

Groundwater Chemistry Register

Acronym

GWREG

Database type/status: Source /Active

Subject coverage

Groundwater chemical parameters, sample interval, water
level

Geographical coverage

Melbourne metropolitan region

Time coverage

Mostly 1960 to present

Keywords

/Water wells /Water chemistry /Hydrogeology /Ground water
sampling /Hydrological data
/Melbourne Metropolitan Region

Database system: Computerised

Computer storage media: Magnetic tape/disk

DBMS: Special purpose

Computer: HP3000

Volume of data in database

2000

Output products

Listings, plots, statistics

Database availability/accessibility

Organisational use only

Documentation

MMBW Report GC-82/001

Comments

Sample points are in BHREG

Contact person

R B Anderson

MMBW - Engineering Geology Section

276 Burke Road

Gardiner Vic. 3146

Telephone: (03)254502

Information current to May 1984

7204

Database name

Geotechnical Information Database

Acronym

GINDEX

Database type/status: Reference /Active**Subject coverage**

References to geological and geotechnical reports and
drawings

Geographical coverage

Melbourne metropolitan region and outlying water supply
projects

Time coverage

1960 to present

Keywords

/Catalogues /Engineering geology /Reports

/Melbourne Metropolitan Region

Database system: Computerised

Computer storage media: Magnetic tape/disk

DBMS: HP Image

Computer: HP3000

Volume of data in database

600 reports, 600 drawings

Output products

Document catalogues

Database availability/accessibility

Organisational use only

Documentation

Manual in preparation

Contact person

R B Anderson
MMBW - Engineering Geology Section
276 Burke Road
Gardiner Vic. 3146
Telephone: (03)254502

Information current to May 1984

Road Construction Authority

7301

Database name

Borehole Summary System

Database type/status: Source /Under development

Subject coverage

Location, R L, and depth of bore holes drilled by RCA.
Secondary access to full logs and test results

Geographical coverage

Victoria

Time coverage

From 1984

Keywords

/Indexes (documentation) /Drilling /Well logs /Rock tests
/Victoria

Database system: Computerised/Manual

Type of manual system: Register

Cross indexing being developed for computerisation

Computer storage media: Magnetic disk

Volume of data in database

100

Output products

Future listings

Database availability/accessibility

Organisational use only

Comments

Future purchase may be possible

Contact person

D Capon
Road Construction Authority
60 Denmark Street
Kew Vic. 3101
Telephone: (03)8602172

Information current to May 1984

Department of Minerals and Energy

7401

Database name

Wire-line Log Index

Database type/status: Source /Under development

Subject coverage

Index of wire-line bore logs

Geographical coverage

Victoria

Time coverage

1960 to 1982

Keywords

/Indexes (documentation) /Well logs /Wire line logging
/Victoria

Database system: Computerised

Computer storage media: Magnetic tape

Computer: Burroughs 6800

Contact person

C Petrou

Department of Minerals and Energy

140 Bourke Street

Melbourne Vic. 3000

Telephone: (03)6650552

Information current to June 1984

7402

Database name

Borehole and Groundwater Data

Database type/status: Source /Active**Subject coverage**

Geology and groundwater

Geographical coverage

Victoria

Time coverage

1860 to present

Keywords

/Hydrogeology /Water wells /Lithology /Hydrological data
/Ground water quality
/Victoria

Database system: Computerised/Manual

Type of manual system: Files, field notebooks

Computer storage media: Magnetic tape

Computer: Burroughs 6800

Volume of data in database

20 Mbyte

Output products

Reports of borehole and groundwater information

Database availability/accessibility

Available to public

Contact person

C Petrou

Department of Minerals and Energy

140 Bourke Street

Melbourne Vic. 3000

Telephone: (03)6650552

Information current to June 1984

State Electricity Commission of Victoria

7501

Database name

SECV Borebase

Acronym

BORES

Database type/status: Source /Active

Subject coverage

All drilling records and coal analyses in major brown coal areas

Geographical coverage

Latrobe Valley, Gelliondale, Bacchus Marsh, and Anglesea areas, Victoria

Time coverage

1880s to present

Keywords

/Lignite /Drill holes /Coal analysis /Geological logs
/Latrobe Valley /Gelliondale /Bacchus Marsh /Anglesea

Database system: Computerised

Computer storage media: Magnetic disk

DBMS: Special purpose (in-house)

Computer: Amdahl 5860/Amdahl 470V8

Volume of data in database

463 358 records

Output products

Strata log listings and coal analysis listings

Database availability/accessibility

Organisational use only

Documentation

Gill, Data processing of bore records. Australian Coal
Geology, 4 (2), 440-50

Contact person

C Barton

Exploration & Geological Division, SECV

15 William Street

Melbourne Vic. 3000

Telephone: (03)6152859

Information current to May 1984

Soil Conservation Authority, Victoria

7601

Database name

Dryland Salinity

Database type/status: Source /Active

Subject coverage

Soil and groundwater salinity, soil and rock hydrology,
lithological logs, soil water variation, and geochemistry

Geographical coverage

Most agricultural land in Victoria

Time coverage

1973 to present

Keywords

/Salinity /Hydrogeology /Geochemistry /Geological logs /Soil
water /Hydrological data /Geomorphology /Soils
/Victoria

Database system: Computerised/Manual

Type of manual system: Data sheets and maps

Indexed by data location

Computer storage media: Magnetic disk

Computer: Apple II Europlus,VAX

Output products

Tables, maps and graphs of hydrological and salinity data

Comments

Soon to be transferred to a larger capacity computer

Contact person

P R Dyson
Soil Conservation Authority
31 Mackenzie Street
Bendigo Vic. 3550
Telephone: (054)435740

Information current to June 1984

7602

Database name

Site Data for Land Resource Surveys

Database type/status: Source /Active

Subject coverage

Relation between soils, geology, landform, climate and native vegetation

Geographical coverage

Major catchment areas in Victoria

Time coverage

1954 to 1984 (manual), 1980 to present (computerised)

Keywords

/Natural resources /Soils /Geology /Geomorphology /Geography
/Flora /Watersheds
/Victoria

Database system: Computerised/Manual

Type of manual system: Cards

Indexed by data location

Computer storage media: Magnetic disk

DBMS: (Data being stored only)

Computer: Micromation

Volume of data in database

6000 site cards

Output products

Land resource survey reports and maps

Database availability/accessibility

Available for interrogation

Comments

There is a separate format for each survey

Contact person

J N Rowan
Soil Conservation Authority
378 Cotham Road
Kew Vic. 3101
Telephone: (03)801381

Information current to June 1984

CSIRO Division of Geomechanics

7701

Database name

GM Index

Database type/status: Reference /Active

Subject coverage

Publications on mineral mining, coal mining, and general geomechanics

Time coverage

1958 to present

Keywords

/Indexes (documentation) /Geomechanics /Engineering geology
/Underground mining /Surface mining /Marine mining
/Australia /World

Database system: Computerised

Computer storage media: Magnetic disk

DBMS: Special purpose

Computer: CDC Cyber 76

Volume of data in database

1050 references

Output products

GM Index Pt A (publications for unrestricted circulation)

1981; GM Index Pt B (publications for restricted

circulation) 1981; Abstracts of published papers (bi-annual)

Database availability/accessibility

Organisational use only

Contact person

M J McMaster

CSIRO Division of Geomechanics

PO Box 54

Mount Waverley Vic. 3149

Telephone: (03)2351355

Information current to May 1984

WESTERN AUSTRALIA

Metropolitan Water Authority

8101

Database name

State Water Resources Information System

Database type/status: Source /Under development

Subject coverage

Groundwater information including geology, monitoring-well location and construction, water level and water quality

Geographical coverage

Western Australia

Keywords

/Hydrogeology /Hydrological data /Water wells /Ground water quality /Water analysis /Lithology /Aquifers /Western Australia

Database system: Computerised

Computer storage media: Magnetic disk

DBMS: VSAM

Computer: Facom M180 IIAD

Output products

Will include reports, graphs, contour plots and statistical analyses

Database availability/accessibility

Organisational use only

Documentation

Under preparation

Comments

Being developed in cooperation with Public Works Dept and Geological Survey. To be implemented in July 1985

Contact person

H Ventriss

Public Works Department

2 Havelock Street

West Perth WA 6005

Telephone: (09)3220331

Information current May 1984

Western Australian Museum

8201

Database name

Meteorite Collection

Database type/status: Source /Active

Subject coverage

Meteorites and australites

Geographical coverage

Mainly Western Australia; some from other parts of Australia and overseas

Keywords

/Meteorites /Australites

/Western Australia /Australia /World

Database system: Manual

Type of manual system: Register and card index
Volume of data in database
5000 specimens
Output products
Catalogue of Western Australian Meteorite Collections (WA Museum Special Publ. No.3-1965) plus two supplements
Database availability/accessibility
Catalogue available to public; collection for organisational use only
Contact person
K J McNamara
Western Australian Museum
Francis Street
Perth WA 6000
Telephone: (09)3284411
Information current April 1984

8202
Database name
Palaeontology Collection
Acronym
Database type/status: Source /Active
Subject coverage
Invertebrate, vertebrate and plant fossils
Geographical coverage
Mainly Western Australia; some from other parts of Australia and overseas
Keywords
/Palaeontology /Vertebrate palaeontology /Invertebrate palaeontology /Fossils
/Western Australia /Australia /World
Database system: Manual
Type of manual system: Register and card index
Locality index cross-referenced to specimen registers
Volume of data in database
50000 specimens
Database availability/accessibility
Mainly for organisational use; selected data can be obtained on request
Contact person
K J McNamara
Western Australian Museum
Francis Street
Perth WA 6000
Telephone: (09)3284411
Information current April 1984

Geological Survey of Western Australia

8301
Database name
Rock and Mineral Database

Database type/status: Source /Active
Subject coverage
 Sample identification and location, nature of material,
 related information
Geographical coverage
 Predominantly Western Australia
Time coverage
 1960 to present (older records are being added)
Keywords
 /Petrology /Whole rock /Minerals
 /Western Australia
Database system: Computerised
 Computer storage media: Magnetic tape
 DBMS: Special purpose
 Computer: Currently NCR (will be IBM)
Volume of data in database
 33 256 records
Output products
 Microfiche listings (twice-yearly)
Database availability/accessibility
 Organisational use only
Documentation
 GSWA Record 1975/2 (W G Libby)
Comments
 The system has been effective because of its simplicity
Contact person
 M Nash
 Geological Survey of Western Australia
 66 Adelaide Terrace
 Perth WA 6000
 Telephone: (09)3250161(Ext 164)
Information current April 1984

8302

Database name
 Petroleum and Coal Exploration Data
Acronym
 S-Series
Database type/status: Source /Active
Subject coverage
 Geological, geophysical and geochemical data resulting from
 exploration for coal and petroleum
Geographical coverage
 Western Australia
Time coverage
 1967 to present (some earlier material from 1955 to 1967)
Keywords
 /Coal exploration /Petroleum exploration /Geology /Geo-
 chemistry /Geophysics /Drilling /Exploration licences
 /Western Australia
Database system: Manual
 Type of manual system: Reports, maps, sections and logs on
 microfilm
 Indexed by edge-notched sorter cards and alphabetical cards
Volume of data in database
 2500 reports

Output products

Microfilm listings, photocopies, dyeline copies

Database availability/accessibility

Basic (non-interpretative) data is available to public

Comments

Computerisation is being considered

Contact person

M Nash

Geological Survey of Western Australia

66 Adelaide Terrace

Perth WA 6000

Telephone: (09)3250161(Ext 164)

Information current April 1984

8303

Database name

Mineral Exploration Data

Acronym

M-Series

Database type/status: Source /Active

Subject coverage

Geological, geophysical and geochemical data resulting from exploration for minerals

Geographical coverage

Western Australia

Time coverage

1962 to present

Keywords

/Mineral exploration /Geology /Geochemistry /Geophysics

/Drilling /Exploration licences

/Western Australia

Database system: Manual

Type of manual system: Reports, maps, sections and logs on microfilm

Indexed by edge-notched sorter cards and card indexes by company, area, tenement, temporary-reserve number

Volume of data in database

3776 records

Output products

Microfilm listings, microfilm, photocopies, dyeline copies

Database availability/accessibility

Open file reports and index to open file reports available to public

Comments

Currently being computerised (see 8304)

Contact person

M Nash

Geological Survey of Western Australia

66 Adelaide Terrace

Perth WA 6000

Telephone: (09)3250161(Ext 164)

Information current April 1984

8304

Database name

Mineral Exploration Database

Acronym

M-Series

Database type/status: Reference /Under development

Subject coverage

Geological, geophysical and geochemical data resulting from mineral exploration

Geographical coverage

Western Australia

Time coverage

1960 to present

Keywords

/Mineral exploration /Geology /Geophysics /Geochemistry

/Exploration licences

/Western Australia

Database system: Computerised

Computer storage media: Magnetic disk

DBMS: VSAM/FOCUS

Computer: IBM 4341 under MVS

Volume of data in database

3776 records

Output products

Microfilm listings, microfilm, photocopies, dyeline copies

Database availability/accessibility

Organisational use only

Comments

System should be operational by early 1985

Contact person

M Nash

Geological Survey of Western Australia

66 Adelaide Terrace

Perth WA 6000

Telephone: (09)3250161(Ext 164)

Information current April 1984

8305

Database name

Geophysical Data

Database type/status: Reference /Active

Subject coverage

Location of well log, coordinates of bore, bore name, index number, log type, date, depth of bore

Geographical coverage

Western Australia

Time coverage

1971 to present

Keywords

/Well logs /Gamma gamma logs /Temperature logs /Caliper logs

/Velocity logs /Resistivity logs /SP logs /Radioactivity logs

/Petroleum exploration /Geophysical logs

/Western Australia

Database system: Manual

Type of manual system: Well logs

Indexed by bore name and map grid

Volume of data in database

4000 records

Output products

Dyelines of original documents (well logs)

Database availability/accessibility

Organisational use only

Comments

System being computerised (see 8306)

Contact person

L Kevi

Geological Survey of Western Australia

66 Adelaide Terrace

Perth WA 6000

Telephone: (09)3250161(Ext 155)

Information current April 1984

8306

Database name

Geophysical Database

Database type/status: Reference /Under development**Subject coverage**

Location of well log, coordinates of bore, bore name, index number, log type, date, depth of bore

Geographical coverage

Western Australia

Time coverage

1971 to present

Keywords

/Well logs /Gamma gamma logs /Temperature logs /Caliper logs
/Velocity logs /Resistivity logs /SP logs /Radioactivity logs
/Petroleum exploration /Geophysical logs
/Western Australia

Database system: Computerised

Computer storage media: Magnetic tape

DBMS: Special purpose

Computer: Tektronix 4054

Volume of data in database

4000 records when complete

Output products

Dyelines of original documents (well logs), graphical output from Tektronix

Database availability/accessibility

Organisational use only

Contact person

L Kevi

Geological Survey of Western Australia

66 Adelaide Terrace

Perth WA 6000

Telephone: (09)3250161(Ext 155)

Information current April 1984

8307

Database name

Palaeontological Data

Database type/status: Source /Active**Subject coverage**

Fossil genera and species, F number, reports, location, identification, oil-company relinquishment material

Geographical coverage

Predominantly Western Australia

Time coverage

1908 to present

Keywords

/Palaeontology /Palynology /Fossils /Petroleum exploration
/Exploration licences
/Western Australia

Database system: Manual

Type of manual system: Cards, reports, registers

Volume of data in database

114 404 records

Output products

Reports on ad hoc basis

Database availability/accessibility

Organisational use only

Documentation

GSWA Palaeontological Report No 20/1983

Comments

Computerisation being considered

Contact person

M Nash
Geological Survey of Western Australia
66 Adelaide Terrace
Perth WA 6000
Telephone: (09)3250161(Ext 164)

Information current April 1984

8308

Database name

Water Bore Data

Database type/status: Source /Active**Subject coverage**

Bore name, location, size, water depth, water flow,
lithology

Geographical coverage

Western Australia

Time coverage

1850 to present

Keywords

/Hydrogeology /Hydrological data /Water wells /Ground water
quality /Lithology /Aquifers
/Western Australia

Database system: Manual

Type of manual system: Derived documents (also on microfiche)
Indexed on edge-notched cards mainly by bore name and map
reference

Volume of data in database

65 000 records

Output products

Photocopies of derived documents

Database availability/accessibility

Organisational use only

Comments

Computerisation being planned in cooperation with Public
Works Dept and Metropolitan Water Authority (see 8101)

Contact person

T Bestow
Geological Survey of Western Australia
66 Adelaide Terrace
Perth WA 6000
Telephone: (09)3250161(Ext 196)

Information current April 1984

8309

Database name

Water Analysis Data

Database type/status: Source /Active

Subject coverage

Bore details, sample methods, chemical attributes

Geographical coverage

Western Australia

Time coverage

1930 to present

Keywords

/Hydrological data /Ground water quality /Water analysis
/Western Australia

Database system: Manual

Type of manual system: Derived documents

Indexed on edge-notched cards mainly by bore name and map grid

Volume of data in database

2000 complete analyses, 15 000 partial analyses

Output products

Photocopies of derived documents

Database availability/accessibility

Organisational use only

Comments

Computerisation being planned (see 8101 and 8308)

Contact person

T Bestow
Geological Survey of Western Australia
66 Adelaide Terrace
Perth WA 6000
Telephone: (09)3250161(Ext 196)

Information current April 1984

Western Australian Department of Agriculture

8401

Database name

Soil Survey Site Data

Database type/status: Source /Under development

Subject coverage

Soil profile morphology, surface condition descriptions and
classification, some chemical and other analytical data

Geographical coverage

Southwest rural areas of Western Australia

Time coverage

1983 to present

Keywords

/Soil surveys /Soil profiles /Soil classification /Soil tests

/Soil analysis /Soil structure /Soils
/Western Australia /Southwest Western Australia
Database system: Manual
Type of manual system: Cards
Indexed by survey name and location (AMG coordinates on
individual sites)
Volume of data in database
450 cards
Output products
Land resource/soil survey maps and reports
Database availability/accessibility
Organisational use only
Documentation
Terminology within database largely according to Australian
Soil and Land Survey - Field Handbook
Comments
Quantity and quality of data varies with nature and purpose
of survey
Contact person
M R Wells
Department of Agriculture
Jarrah Road
South Perth WA 6151
Telephone: (09)3670111
Information current June 1984

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