

EDUCATION, SCIENCE AND TRAINING

SENATE LEGISLATION COMMITTEE - QUESTIONS ON NOTICE 2006-2007 SUPPLEMENTARY BUDGET ESTIMATES HEARING

Outcome: CSIRO

Output Group: CSIRO

DEST Question No. E736_07

Senator Siewert asked on 1 November 2006, EWRE Hansard page 21.

Question:

Senator SIEWERT—Could you therefore take on notice to give us an understanding of what projects you are working on with Geoscience Australia. Also, when you give us the breakdown, could you give us the specific projects that you are working on in exploration. I am particularly, at this stage, interested in the exploration projects that are being worked on. I am trying to get a picture of what Geoscience are doing and what CSIRO are doing in overall exploration science.

Answer:

CSIRO has provided the following response.

CSIRO projects with Geoscience Australia

CSIRO has provided a list of current projects with Geoscience Australia.

Project	Focused on gas, coal, oil exploration	Nature of relationship
Characterising oil and gas seeps in the Australian EEZ	Yes	Collaboration between CSIRO, Geoscience Australia and NT Bureau of Mines
CO ₂ storage in saline aquifers	No	CO2CRC project (Geoscience Australia and CSIRO core participants)
CO ₂ storage in coal	No	CO2CRC project Geoscience Australia and CSIRO core participants)
Modelling of current climate for wind engineering applications	No	Consultancy
The Australian Ocean Data Centre Joint Facility Collaborative Head Agreement	No	This is a relationship agreement between six Commonwealth Agencies – Royal Australian Navy, CSIRO, AIMS, Geoscience Australia, Australian Government Antarctic Division and Bureau of Meteorology about multi-agency data management, data sharing and enabling public access to a broad range of ocean data.
Bight Basin geological sampling and seepage survey: sampling the Cretaceous section of the Bight Basin, and investigating potential natural hydrocarbon seeps.	Early stage exploration	Geoscience Australia has a current agreement with CSIRO to charter the Marine National Facility (which is managed by CSIRO on behalf of the nation) from March 2007 to carry out the research voyage described in the project title.
Salt mobilisation	No	Project in CRC for Landscape, Environments and Mineral Exploration (LEME)
Australian Soil Resource Information System	No	Subcontract: Geoscience Australia provides regolith mapping and supporting data for Levels 1–3 in the Australian Soil Resource Information System

Project	Focused on gas, coal, oil exploration	Nature of relationship
Fitzroy River Geochemistry	No	Consultancy by CSIRO
Establishment of CRC for Landscape, Environments and Mineral Exploration (LEME) with Commonwealth Australia and CRC Parties which includes Geoscience Australia and CSIRO	No	CRC Commonwealth Agreement
CRC Centre Agreement to establish CRC LEME between all participants including CSIRO and Geoscience Australia	No	CRC Centre Agreement
Development and implementation of salinity management initiatives in the Sunraysia region by informing our understanding of the regional hydrogeology using airborne geophysical data	No	CRC LEME Project Agreement
Hydrogeological studies of the Rive Murray Floodplains, Riverland, South Australia using airborne and ground geophysical techniques	No	CRC LEME Project Agreement
Nickel Exploration using Hydrogeochemistry - Case Studies from the Lenora- Wiluna Greenstone Belt	No	CRC LEME Project Agreement
Establishment of Predictive Mineral Discoveries: CRC with Commonwealth Australia and CRC Parties which includes Geoscience Australian and CSIRO	No	CRC Commonwealth Agreement
CRC Centre Agreement to establish Predictive Mineral Discovery CRC between all participants including CSIRO and Geoscience Australia	No	CRC Centre Agreement
Management and Trust deed between Ausmodel Pty Ltd and Predictive Mineral Discovery CRC participants	No	Trust Deed
I7 Multiscale analysis in Mt Isa	No	Predictive Mineral Discovery CRC Project Agreement
Y4 Concepts to targets: a scale Integrated mineral systems study of the Eastern Yilgarn Craton	No	Predictive Mineral Discovery CRC Project Agreement
M9 Numerical Modelling	No	Predictive Mineral Discovery CRC Project Agreement
Australian engagement with the IUGS Commission for Geoscience Information and the development of a Geoscience Datamodel	No	Research Agreement