

CHART

Description

CHART is a web enabled software solution.

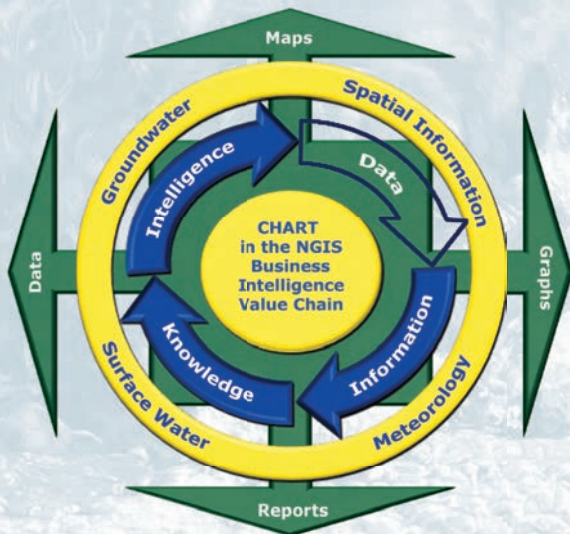
- CHART is an integrated, hydrochemical analysis and reporting application that aims to assist hydrogeologists and hydrogeochemists in decision making during analysis and assessment of data.
- CHART supports the analysis and assessment of the complete hydrogeological cycle and hydrochemical trends in an integrated fashion with collaboration between groundwater, surface water, and meteorological data in a single snapshot or dashboard.
- CHART also fulfills an integral management role that aims to assist geohydrologists with implementation and management of monitoring programmes and networks.

To register go to: <http://www.dwa.gov.za/ngis>

Registered users go to: <http://www.dwa.gov.za/chart>

Enquiries: ngaur@dwa.gov.za

Where does CHART fit in the NGIS Value Chain?



For more information please visit

Groundwater Website: <http://www.dwa.gov.za/Groundwater>

NATIONAL GROUNDWATER INFORMATION SYSTEM (NGIS) PORTFOLIO



The Department of Water Affairs is responsible for Groundwater Information in South Africa. This includes the collection and distribution of all groundwater related data and information products. Adequate groundwater information is paramount, particularly in a dry country such as the Republic of South Africa.

To be able to support strategic development objectives, it is important to report accurately on the status and observed trends related to water resources.

The systems that support the **NGIS Business Intelligence Value Chain** are described in this pamphlet.



water affairs

Department:
Water Affairs
REPUBLIC OF SOUTH AFRICA



National Groundwater Archive (NGA)

Description

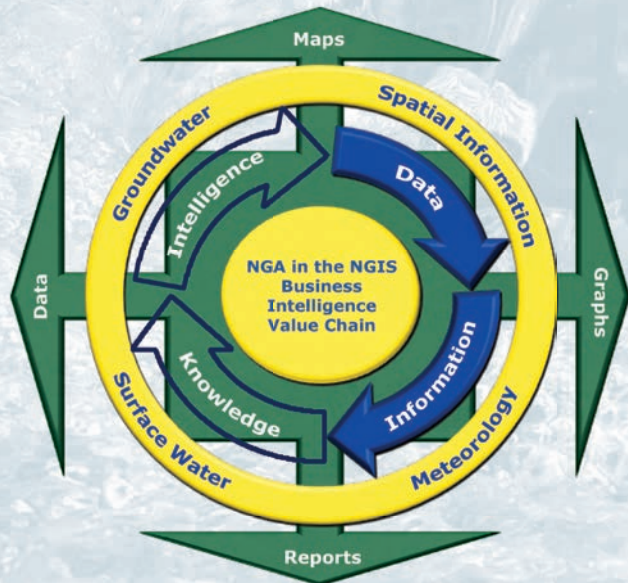
NGA is a web enabled database system that allows capturing, viewing, modifying and extraction of groundwater related data by registered users.

Currently the main focus of NGA is on point data known as Geosites (Borehole, Drain, Dug Well, Lateral/Radial Arm Collector, Mine, Seepage Pond, Sinkhole, Spring, Tunnel, Well Point). Line and polygon data will be made available in future. There are already in excess of 258 800 Geosite records on the NGA.

NGA includes an ensemble of tools including but not limited to a Geosite Identification Allocator Tool. For the purpose of managing the acquisition of all newly generated data the **Geosite Identification Allocator Tool** can be used by all duly registered users. This will allow the DWA to keep track of all groundwater exploration and development projects and thus ensures that all newly generated data is captured.

To register go to: <http://www3.dwa.gov.za/nganet>
 Enquiries: ngaur@dwa.gov.za

Where does the NGA fit in the NGIS Business Intelligence Value Chain?



Geohydrological Reports System

Description

The **Geohydrological Reports System** is a database that contains groundwater related technical reports.

Approximately 6750 technical reports are available in the library at National Office. These reports reflect the hydrogeological investigations done by DWA officials or consultants.

A web enabled system allows one to inquire about the availability of specific documents and are made available in PDF format.

To search the database go to: <http://www.dwa.gov.za/ghreport>.

Enquiries: ngaur@dwa.gov.za

Where does the Geohydrological Reports System fit in the NGIS Value Chain?

