



# ESdatNEWS Q1 2011

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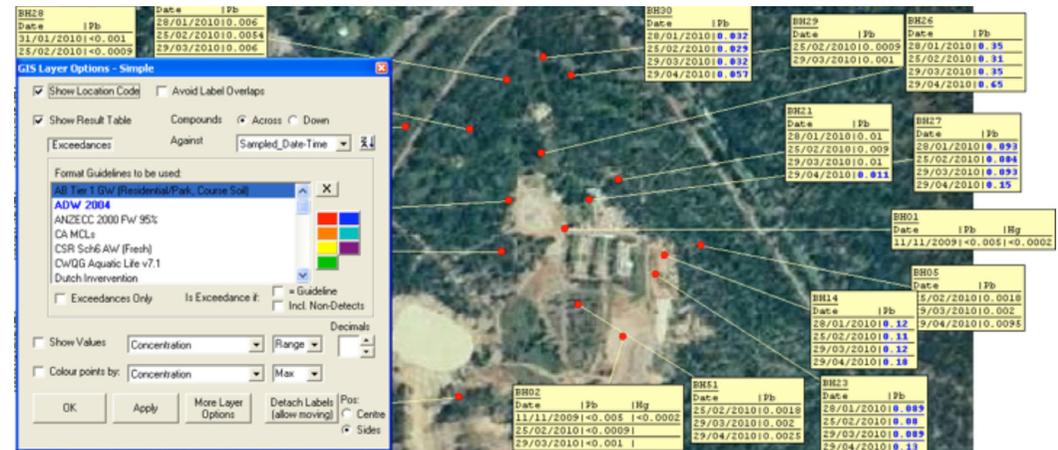
## Version 4.2 released

Version 4.2 has been available for some time to selected users, and is now available for all users, and can be downloaded from our website. You should firstly uninstall earlier versions through Windows Control Panel.

Enhancements are summarized below, for further details see the help file:

### Re-designed map interface

- Show exceedances on the map with compounds across or down a table for each point.
- Move labels around the map manually to achieve the best possible positions.
- Download streets from the web straight into your map.



## Version 4.2 released (cont)

### Integrated Workflow Manager

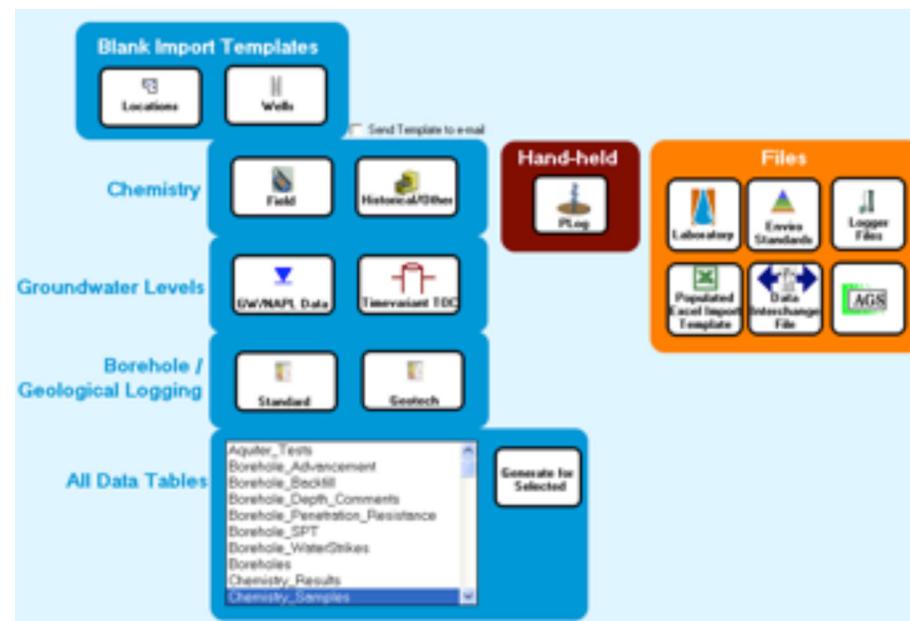
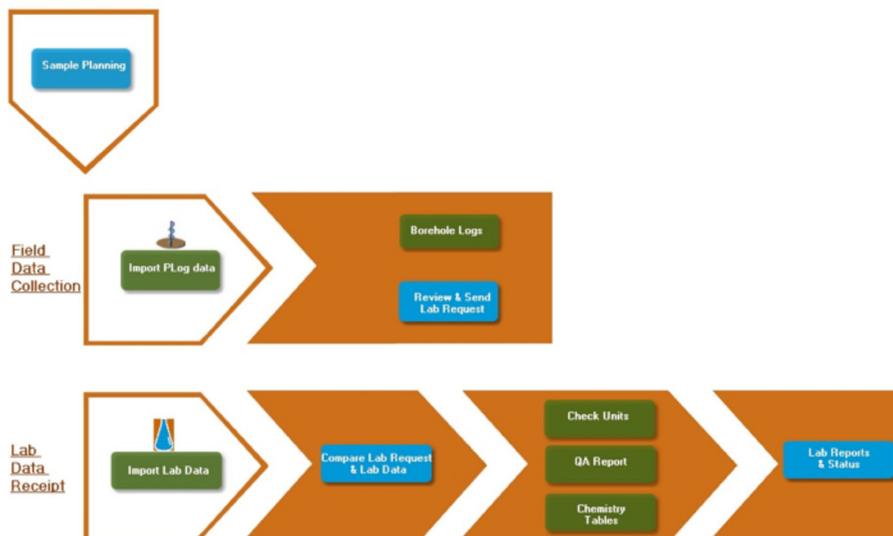
Redesigned Interface.

No need to visit Excel for importing the lab data.

Just select the lab file and it is done. ESdat automatically matches your QA Samples from your Electronic Lab

Submission and imports the data. If an error is encountered you will be able to either fix, as previously, or automatically delete the report and request a new one from the lab.

QA Reports and Chemistry Tables automatically select the lab report you just imported. Just click "Finish".



### ChemGroup Ordering

Change the order of the ChemGroups (or lab method type/name) in output tables using the new zRef\_Chemistry\_Lookup\_Groups table.

### Logger Data

Import "generic" logger files using a new "wizard" style interface, show exceedances on time-series graphs.

### Dust

Explicit support for dust HiVol and Deposition sampling.

### Importing

All your import options are available on the one form for easy user familiarity.

## ■ CONFERENCE ATTENDANCE

ESdat was presented at the US National Groundwater Association conference in Las Vegas. Scott Deaton, who manned the booth indicated strong interest in ESdat both at the conference and from a series of other promotional activities in North America. If you know anyone in North America who may be interested they can send an email to [info@esdat.com](mailto:info@esdat.com), attention to Scott.

## ■ ESdat In Mining

**ESdat has continued to enjoy good uptake among mining companies. ESdat Licences are held by MMG, Shenua Watermark, Centennial Coal, Origin Energy, Lagoon Ck Resources, OneSteel as well as a host of mine service companies.**

Many mine employees indicate that the ability to operate on the same platform as the consultants they use is a major advantage, as well as often being encouraged to purchase the software by the praises of their consultants (many thanks where due).

We are seeing an increasing number of consultants providing a data / training / customization service to mines using ESdat. This benefits the mines, who have an effective tool to analyse their data and a skilled user to set it up for them, and the consultants who can provide ongoing services to, and contact with mine personnel. If you are skilled in using ESdat, and would be interested in receiving referrals from your local area to provide such a service please let us know. If you are working in a mine and if you have such a need please contact us.

## How do you manage **Logger** or **continuous time-series data**?

**We have seen some examples where users have imported logger data into ESdat using the “Field” or “Historical/Other” Chemistry Templates.**

Using this approach results in a large number of samples (one for each time interval) to which the results are attached.

Notwithstanding that the Sample – Result concept isn’t applicable to logger data this is also an inefficient way to store logger data and is likely to impact negatively on speed of data retrieval as well as database size.

Users who are importing logger data should use the specific logger functionality. Users may be more aware of the logger option with the new import form available in version 4.2 but it’s also a case of familiarizing yourself with the other option for chemistry, beyond field / historical / lab.

### HANDY HINTS

It is often useful to see time-series aerial photos of a site when doing your site history. Jon Lawson of LRM global has recommended [www.nearmap.com](http://www.nearmap.com)



## News from the labs

### Exova provides data in ESdat format

**Exova have joined ALS, Test America, Maxxam and CanTest in providing laboratory data in ESdat format in North America, responding to their customers who want to more effectively and efficiently use, manage and reuse their laboratory results.**

Exova is one of the world's leading independent specialists of environmental testing and analytical services. Exova are dedicated to offering clients expert testing and analytical services that follow industry best practices.

Exova has laboratories located in the Oil Sands region in Canada as well as other North American locations. See [here](#) for a complete listing.

The Environmental Division offers laboratory services on a complete range of samples for:

- Soil (Including Contaminated Sites, Agricultural and OMRR)
- Hazardous Waste Classification and Landfill Analysis
- Potable Water, Wastewater and Groundwater Analysis
- Terrestrial Ecotoxicity Testing
- Microbiology
- Air and Soil Vapour Analysis

For more information or a competitive quote on pricing, turn-around times and service, please contact Exova at: **1.866.263.9268 sales@exova.com www.exova.com**

## PLog gets strong endorsement for usability and time savings

**ERM recently used PLog for one of their projects in Brisbane. Craig Ross, Environmental Scientist, ERM made the following comment and agreed to be quoted.**

"I personally used PLog and the tablet PC out on a drilling job last week. We installed 5 bores/wells down to 10m below surface. I had the bore logs printed and in my hand within 15 minutes of returning to the office. It was THAT simple and easy! On this project alone it has saved 4-5 hours."

"We had a new staff member who had never drilled or logged before. PLog made it VERY easy for her to pick up logging as she was prompted with all the information that was required."

"The winlog template "Brisbane\_PLog\_V1" is working perfectly with the files I sent you the other day for Esdat. Given a few more weeks most of the consultants here will be producing their own logs direct from the tablet."

"This is really both an excellent time saver and a great way to standardise the way we record lithology in the field (no more interesting descriptions) There are a few "little tricks" with the software that perhaps could be worked on, like the project information not coming across to esdat, and some screen resolution issues and simulator issues but these are only minor and work arounds exist."

### Contributions invited

**Are you an expert in a particular industry-related topic that you feel may be of interest to others?**

**Do you have an interesting case study that shows a use of ESdat?**

**Please let us know if you would like to make a contribution and receive recognition from your peers in the industry.**



# PLog saves time

**PLog is used globally, and has recently seen surge in interest in Australia partly due to it's integration with ESdat and associated promotion.**

**In Australia PLog is used by: ERM, Parsons Brinkerhoff, NSW Office of Water (DNR), Minerals and Metals Group, Adelaide Environmental Consulting, FMG Engineering, Environmental and Earth Sciences, 4D Geotechnics, URS and many more dating back to before ESdat got involved.**

- How much time do you lose retyping boreholes logs and file notes into ESdat or borehole logging software?
- How much time is lost in the field using hand notes, instead of point and click lithology descriptions, and auto-copying of layer descriptions?
- Can you keep up with the rig?
- How do you backup your field notes?
- Can you effectively take field notes in adverse weather conditions?
- Would a water proof, impact resistant PDA designed explicitly for logging boreholes and collecting COC data save you time, provide greater data backup options, and make you more efficient?

### 1. Sample Planning (optional)

Electronic Sample Planning (specify where you want samples collected and what you want analysed).

### 2. Field Data Collection

Collect Borehole Logs in the field – Collect all sample information, COC and lab analysis request information.

### 3. Reporting

Import borehole logs straight into ESdat and gINT/WinLog. Review and submit your electronic laboratory analysis request.

### 4. Validation

Import lab data and let ESdat automatically identify your QA Samples, Parent Samples; validate requested tests against those received, and; track outstanding, received, and approved lab reports.



**The discounted introductory price for PLog (Save US\$750 per licence) is due to expire in June. Make sure you evaluate, prove & get your licences before then!**

Monitoring Round					Print	Create PLog Workorder	Print Labels				
Labs					Samples / Analyses	Field Instructions					
Samples					Analyses						
Matrix Type	Sample Type	Location	Well	Comments	Halogenated Hydrocarbons	Heavy Metals	Metals	OCP	Organotins	PAR	Pesticides
soil	Normal	BH01		Bottom of Fill	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
soil	Normal	BH02		Bottom of Fill	<input checked="" type="checkbox"/>	<input type="checkbox"/>					
soil	Normal	BH03		Bottom of Fill	<input checked="" type="checkbox"/>	<input type="checkbox"/>					
soil	Normal	BH04		Bottom of Fill	<input checked="" type="checkbox"/>						